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WATKINS'

GENERAL RETAIL

CATALOGUE

OF

Seeds, Trees, and Plants.

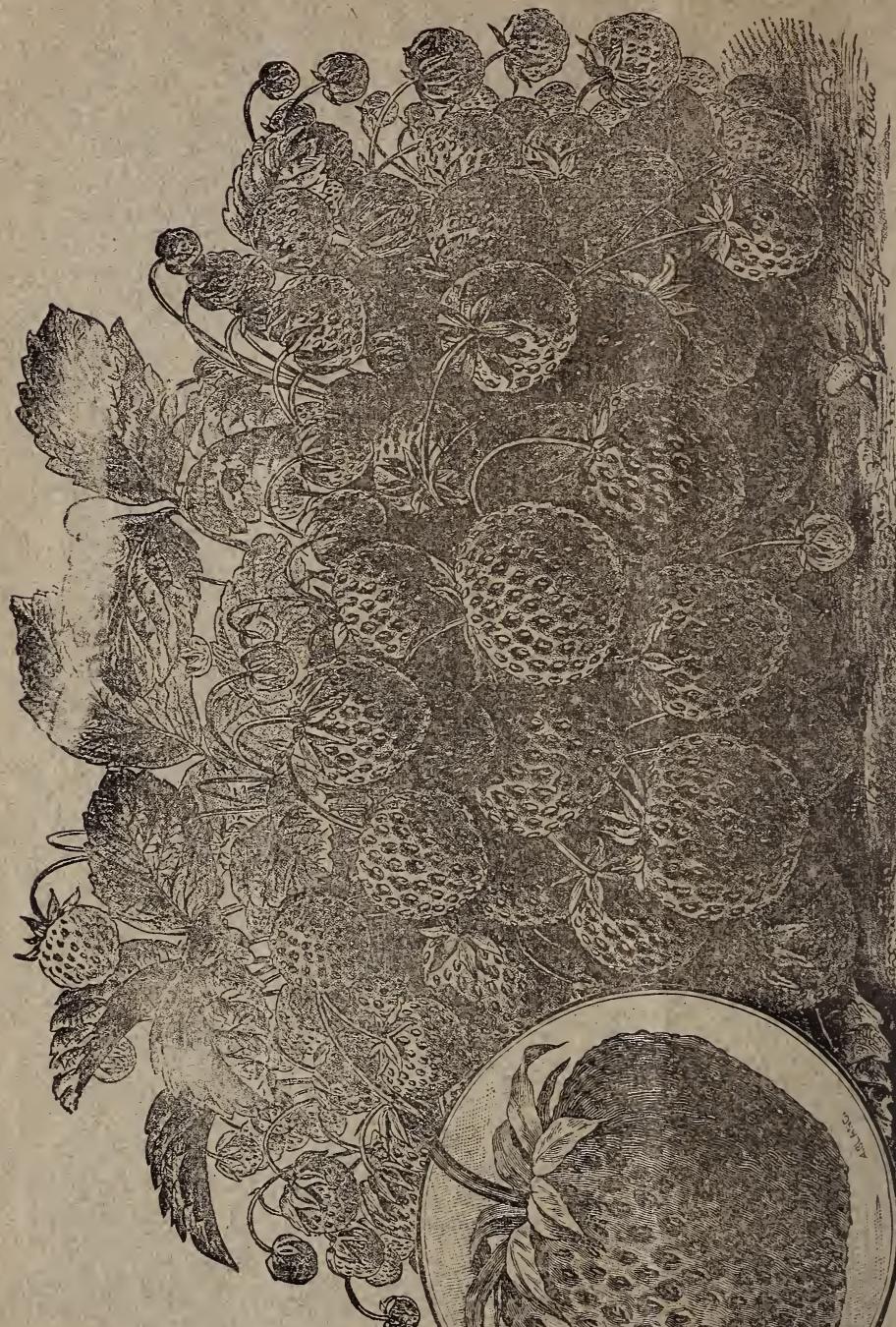
1899



ORIOLE
STRAWBERRY

S. L. WATKINS,

GRIZZLY FLATS, CALIFORNIA.



BRUY. (See page 2.)

WOOD.

Watkins' Retail Catalogue.

INTRODUCTION.

The list of berry plants we offer is the most complete list of any dealer in America. As our trade is not confined to any one State, we grow varieties that succeed anywhere, hence the great number offered. No matter where you live, we can safely deliver you plants, charges prepaid. Distance counts for nothing except time. We safely ship every year to every State in the Union large quantities of berry plants, also to many places in Canada.

Our foreign trade is beginning to grow considerably. We are constantly on the lookout for choice new fruits, and are successful introducers of such. Persons having novelties of merit will find it to their interest to correspond with us.

OUR SHIPPING SEASON for berry plants commences in September and ends in May.

TERMS OF BUSINESS.

TERMS CASH, except by special agreement otherwise.

HOW TO REMIT.

In remitting, we suggest the use of express money-orders, which should be made payable at Placerville, Cal.; or postoffice money-orders payable at Placerville, Cal.; or by draft on New York or San Francisco. Registered letters to Grizzly Flats, Cal., our postoffice address.

GUARANTEE.

We recognize that upon our customers receiving satisfaction depends our future prosperity, therefore the greatest care and caution is used to have everything true to name, and to offer nothing but the finest grown plants, trees, bulbs, seeds, etc. If in any case, through accident or mistake, a plant, tree, bulb or seed proves untrue to label, we cannot be held responsible for any sum greater than the original cost of the plant, tree, seed or bulb, as the case may be; but if mistakes do occur, we will furnish new plants, seeds, trees, bulbs, etc., free of cost, to all persons, or return their money. We believe this to be a fair agreement to all concerned.

All plants by the dozen and 100 rates are delivered at the following prices, charges prepaid to any postoffice in the United States or Canada. If 1000 plants are wanted by mail, \$1.50 must be added extra, to prepay postage. Beginners had better leave the selection of varieties to us, as we will send only those which we believe would do well with them. Our extensive correspondence with berry-growers all over the country enables us to determine at once the varieties that are best for a given section of country.

STRAWBERRIES.

The strawberry we consider the most profitable fruit that can be grown, provided the right varieties for the locality are chosen. There are thousands of small towns and villages throughout the United States where the local market is not one-half supplied. This is a great opening for thousands of persons to embark in a very profitable business. Also, the city markets are always demanding large

first-class fruit, especially in the berry line. In marketing, always use nice, clean boxes, and always give big measure; never market poor, inferior fruit; all such should be thrown away. But if you grow good, desirable varieties, you will have little inferior fruit to throw out. Strawberries can be successfully grown in any soil where a crop of corn or potatoes can be produced. When preparing land for strawberries, plow deep, but before plowing give the ground a good covering of stable manure, which is the very best fertilizer known for berries; afterwards, harrow up very fine. Rows for field culture may be laid out 5 feet apart, and the plants set in rows 1 foot apart; for garden culture, rows can be 3 feet apart, and plants set 1 foot apart in the rows.

Many varieties of strawberries are destitute of stamens. These are termed pistillate sorts, or imperfect flowering kinds. They are generally marvelous yielders, when properly fertilized. What we mean by this, is that they should be set close to a row of a staminate sort, or perfect flowering kind. All varieties marked (P) are pistillate, all marked (S) are staminate. Strawberry plants can be safely set from September 1st until May 1st—of course, in cold localities, late spring planting is preferable.

PART No. 1.

Standard Varieties of Strawberries.

All this list we highly recommend as they have been tested far and wide. We have a heavy stock of all these sorts.

Charges prepaid on all strawberry plants by the dozen and hundred rate.

THE MEXICAN OR ARIZONA (S). A berry of surprising merit, wondrous beauty and luxuriant plant growth, is the Mexican strawberry. It is a rapid and beautiful grower, with clean, healthy foliage of a dark green color. The young plants of this variety need no petting, but will take hold and grow rapidly. Generally these young plants perfect a heavy crop the first season. A strange peculiarity of the Mexican strawberry is that it will yield fruit for five or six years without renewing, as against three or four crops with other varieties. It gives heavy crops all through the season; in warm climates it yields two crops a season. The berries are larger than those of any other variety cultivated at the present day. I have all the new and old varieties, embracing about three hundred kinds, and I have a good chance to determine their value. The Marshall, Monarch of the West, Great American, Sharpless, Enormous, Australian Crimson, La France, Glen Mary, Brandywine, Rival Hudson, Enhance, etc., are among the larger berries, but the Mexican is better than any of these because it will average two quarts of fruit to the plant, and in exceptional cases three, and even four quarts. The plant itself is almost faultless, attaining a height of about sixteen inches, with dense, spreading dark green leaves, which greatly protect the blossoms from frost. Last year the cold weather destroyed nine-tenths of the flowers

on other plants, but the Mexican pulled through in splendid shape and gave an enormous crop. The fruit is slightly conical in shape and is brilliantly colored with a fine luster. In flavor it is rich, sweet, aromatic and altogether delicious. It is a wonderful market berry.

Price 35 cts per 12; \$1.50 per 100; \$6.50 per 1000. (Owing to plants being sold off so rapidly the price has advanced a little on these berries.)

THE DOLLAR STRAWBERRY (S). This variety is celebrated as being the best shipping variety in the world; the fruit is so firm, and stands travel so well, that it always presents a very attractive appearance when opened up for market. More money is realized from this sort in California as a shipping berry, than from any other sort; in season it is quite early; the fruit is very large, generally conical in shape; and of a lustrous glistening red in color, while the flavor is decidedly spicy and aromatic; the plant is a beautiful, luxuriant grower, equaling, if not excelling, the famous old Sharpless in this respect; the leaves are very large, a deep, brilliant green in color, and quite free from rust, or other leaf diseases. A remarkable peculiarity of the Dollar berry is that the young runners give a heavy crop of berries in the fall, even before being rooted; the spring crop is generally enormous, all berries averaging large. In market, the Dollar berry sells at an advance price over other sorts, on account of its magnificent appearance. In many sections of California, there are large areas set to the Dollar berry. It is true that there are many superb shipping sorts, but the Dollar berry leads all others; being early is quite a valuable feature, as the early fruit always commands the best price.

Price 25 cts. per 12; \$1.00 per 100; \$6.00 per 1000.

SAUNDEITS (S). The Saunders strawberry, we believe, is the nearest approach to a frost-proof strawberry of anything that we have ever tested; we have fruited it now five years and we always have a good crop. In localities where the strawberry is quite often killed by frosts we would recommend a trial of this variety. The fruit is a polished red, very glowing and intense in color and very large in size, while the flavor is of a very rich acid, not too sour, but just right.

Price 25c per 12; \$1.00 per 100; \$6.00 per 1000.

HOOD RIVER (S). (Clark's Seedling.) A most marvelous variety in all respects. It is of large size, as round as a marble, and of a deep, brilliant red. For richness and high flavor it cannot be equalled. It is also very firm and a marvelous shipper, as it can be picked when white and shipped to New York, and it will come out a waxy crimson, dotted with golden seeds. This variety is extremely productive, and ripens with Michel's Early. It took a premium at the World's Columbian Exposition at Chicago for its wonderful beauty and great keeping qualities.

Per dozen, 25c; 75c per 100; \$5 per 1000:

MARSHALL The coming big berry for the North, South, East and West. The fruit is so large that fourteen good specimens fill a box. In coloring, it is a most brilliant red, and has a flavor equal to the wild strawberries, being rich, sweet, aromatic and delicious. So strongly is this wild strawberry flavor marked that it is supposed by the originator to have originated direct from a wild field strawberry. In productiveness it ranks high. The berries are very firm. An extensive berry-grower in Delaware speaks thus of the Marshall: "We have never seen any berry equaling them in appearance; superb color, fine size and perfect shape; a model that no artist could produce who had never seen this berry, and yet one that will be recognized at

once as an ideal representative of the most beautiful of all fruits, the strawberry."

Price 35 cents per 12; \$1.00 per hundred; \$6.50 per 1000.

AUSTRALIAN CRIMSON. One of the best for a hot climate. It is very extensively grown in Los Angeles county, Cal., and in many other counties in the State. Its main fruiting season in Southern California commences in March, and continues through April, May, June and July; large crops are also harvested in January, provided there is not too much rainy weather. Being so very early, and so extremely late, it is one of the most profitable varieties to grow in a warm climate. It is a most excellent shipper. The fruit averages very large, is of a brilliant crimson color, and most deliciously flavored. The demand for plants of this variety is very great.

Per doz., 25c; 75c per 100; \$3.75 per 1000.

THE HAVERLAND (P). The following description is from our last year's catalogue. This season the Mexican went far ahead of it but nevertheless the Haverland is a wonderful berry:

HAVERLAND (P.). We consider this as near perfection as has ever yet been attained in a strawberry. A great, rank, vigorous grower, the fruit averaging immense in size, and colored a lustrous, sparkling red. The berries are long and conical in shape, and just lie in piles around the plant. The flavor is simply grand, being quite rich, sweet, and the fruit possesses a delightful aroma. The Haverland excels all others that we have yet tested for profit, yielding two heavy crops in a season, the crop in September being very large; the most productive in all of our great collection; a pistillate variety and can be fertilized by Iowa Beauty, Woolverton, or Mexican.

Price 25 cts per 12; \$1.00 per 100; \$5.00 per 1000.

BRANDYWINE. "This is one of the most valuable ever sent out. It has not a single defect that I know of. The plant is a luxuriant grower, healthy and hardy, and very productive. Blossom perfect. Fruit very large, of good form, bright red all over, and of good quality. Season, medium to very late. It succeeds on any soil."—Crawford.

This is a marvelous variety in the warmer sections of California. These plants are being called for by the hundreds of thousands.

Price 25 cents per 12; \$1.00 per 100; \$6.00 per 1000.

MEEK'S EARLY (S). "This is acknowledged to be one of the best early berries yet introduced. We welcome such, for there is abundant room for very early varieties of strawberries. As early or earlier than Hoffman's or Michel's Early; of large size and productive. Meek's Early is said to produce all these good properties and to be almost as fine as Hoffman. Plant is a large thrifty grower, with clean, bright foliage. It is of good size, larger than Hoffman or Michel's Early, firm and good in quality. We recommend it to those seeking an extra early variety."

Per dozen, 25c; \$1 per 100; \$5 per 1000.

PARKER EARLE (S). This ranks next to the Haverland. It is a vigorous, powerful grower and forms immense stool plants. The fruit is very large, long and conical, of a glowing, brilliant red, and covered with golden seeds, thus making the berry one of great and singular beauty. The flavor is superb, fruit very firm, and therefore a splendid shipper. Established plants of this sort yield from 400 to 600 berries to a plant, and of course to perfect such a load of fruit the soil must be quite rich.

Per dozen, 25c; per 100, \$1.00; per 1000, \$6.00.

GANDY (S.) We cannot begin to give this too much praise—the plant is faultless; a large, vigorous, healthy grower just productive enough to perfect its whole load of fruit; the berries are of a deep, glistening

red; the flavor strongly suggestive of strawberries and peaches; in size it ranks with the largest, and we believe this sort will perfect more large berries than any other sort known at the present day. This is a most superb canning variety. We are going to plant it largely, as we know all the plants will be called for.

Per dozen, 25c; 75c per 100; \$4.50 per 1000.

TRIOMPHE DE GAND. Grown extensively in the Sacramento Valley, and shipped by the carload to New York city and other Eastern points; highly flavored, of a brilliant glossy red color, extremely productive; requires a very rich soil.

Per dozen, 25c; 75c per 100; \$4.50 per 1000.

LONGWORTH'S PROLIFIC (S). Our first experiment with this sort was very unsatisfactory, as the foliage rusted so bad that the fruit was all burned up by the sun. Believing that we did not have the genuine variety, we purchased a lot of plants from a friend in Santa Barbara county, Cal., and these turned out magnificent, the foliage being very healthy and of a rich, vivid green, and entirely free from rust. The fruit is quite large, round in shape, of a glistening red color, and of a decidedly spicy and sweet flavor. Our first lot of plants were old worn-out ones, which no dealer should send out, hence the decided failure. The plants we now have, however, are select, high-grade plants, and in the best possible condition. Our stock of this sort is limited, however, for this season.

Price 30 cents per 12; \$1.00 per 100; \$6.00 per 1000.

LOVET'S EARLY (S.) "A choice seedling from Kentucky, the home of Charles Downing, Kentucky, and Downer's Prolific strawberries. From its history and growth of the plant it is believed to be a cross between the Crescent and Wilson. It is of excellent conical form, exceptionally uniform in size and shape all the season; is of superior quality and decided merit; color, bright crimson; productive; the plant absolutely perfect in vigor and habit. It has for several years been subjected to the severest tests, both in Kentucky and New Jersey, and has yet to manifest the first defect. Its season is medium early, and it has proven itself very profitable for market or garden culture.

Per dozen, 25 cents; \$1 per 100; \$1 per 1000.

CAPTAIN JACK (S.) Old favorite; large, round berries of a high, rich flavor, splendid for canning or shipping.

Per dozen, 25c; 75c per 100; \$1 per 1000.

TIMBRELL (P.) A strange type of berry, of a mottled orange and red color, but of a sweet and charming flavor; it ripens after Gandy, is of enormous size and is very productive; it will be widely cultivated in the West on account of its flatness.

Per dozen, 30c; \$1 per 100; \$7 per 1000.

OREGON EVERBEARING. Per 12, 25 cts; per 100, \$1.

SHARPLESS (S.) "As large as the ingenuity of man has yet produced, and with high manuring and culture the most profitable. Where a striking berry of mammoth size and sweet taste is wanted for home use or fancy market, plant the Sharpless. Select rich garden soil, plow in plenty of ashes, set Sharpless plants; give them clean culture, then astonish the natives, yourself included, with the results; near a good market, a quarter of an acre could easily be made to yield a profit of \$100. But don't stick down in poor land, or leave to the mercy of grass, and then blame me or the berry for the consequences."—Blacknall.

Per dozen, 25c; 75c per 100; \$3.75 per 1000.

CLOUD'S SEEDLING (P.) Here we have something grand; a most magnificent berry for California soil and climate; a rampant grower, like the Crescent; a tremendous fruitier; berries large, glossy red; flavor very tart; celebrated for its wonderful shipping qualities. It should be fertilized by some

great staminate variety like Woolverton, or Mexican.

Per dozen, 25c; 75c per 100; \$1 per 1000.

SHUCKLESS (S.) Just the berry to grow near canneries; of good size, a great yielder and a splendid canning berry, with additional advantage of shedding the husk, at once, when they are picked. The plants are fine beautiful growers, and we believe will succeed on all soils. This plant is claimed to be identical with the old Mt. Vernon; we shall soon know, as we now have both varieties under cultivation.

Per dozen, 25c; 75c per 100; \$5 per 1000.

VAN DIEMAN (S.) A most magnificent variety with us; large, heavy dark red fruit, spotted with golden seeds; the finest flavor imaginable; a tremendous yielder; ripens with Michel's Early; its beautiful appearance will sell it in any market of the world. Be sure to plant this if you have not already done so.

Per dozen, 25c; 75c per 100; \$4 per 1000.

GREENVILLE (P.) This ought to be termed a queen among strawberries, for it succeeds everywhere. It is large in size, a brilliant red, a great yielder, and possesses a very spicy, aromatic flavor; ripens in mid-season.

Per dozen, 25c; 75c per 100; \$5 per 1000.

ENHANCE (S.) Cross between Sharpless and Windsor Chief; a vigorous and healthy grower, with dark green foliage; develops massive crowns of perfect flowers; one of the most prolific in pollen; no perfect flowering variety has been produced combining more points of merit than this; is a general purpose berry; the berries largest size, very firm, bright crimson, attractive and salable; its size, beauty and firmness will recommend it to public favor, and command a high price in a fancy market.

Per dozen, 25c; 75c per 100; \$4.75 per 1000.

NOBLE. Is having quite a boom in Southern California. This season we offer finely rooted plants at 25c per dozen; \$1 per 1000; \$5 per 1000.

TENNESSEE PROLIFIC (S.) While not strictly a new variety is not yet generally known and has not received the attention it deserves. It is a seedling of Crescent and Sharpless, inheriting great productiveness from the Crescent and large size from the Sharpless; the berry is firm, splendidly colored and of the highest excellence; the plant makes runners freely, and is vigorous and healthy ably notwithstanding the sun's scorching rays. In many places this variety is taking the place of all others for a variety that is at once early, extremely productive, and a most excellent shipping berry, combining with these three rare qualities a fine flavor and a roated acquisition to the strawberry list being a staminate. It is an excellent pollinator for early pistillates as Barton, and is a pronounced success, and has given satisfaction wherever tried. 50 cents per dozen; \$1 per 100; \$6 per thousand.

CUMBERLAND TRIOMPHE (S.) "A magnificent variety; berries large, no small ones, fine, perfect form and of fine flavor; beautiful bright scarlet color; of excellent quality and is growing in general favor; no one ever regrets planting it; does well everywhere; the plant is remarkably strong and luxuriant; stands extremes of heat and cold, and is not injured by drouth as many other varieties; produces abundantly, ripens medium to late, and one of the few berries that do equally well on all soils."

25 cents per dozen; \$1 per 100; \$4 per 1000.

IDEAL (S.) "No. 11." It is "Ideal" in every respect and was so named by Prof. Heiges.

In form no berry could be more perfect, and its uniformity is certainly remarkable. We know of no other berry so regular. In color it is just right; the same dark red that distinguishes the Wilson when it comes up right, as it rarely does now; flesh rich red all through as all over; of a very high flavor,

with a firmness without equal among berries of its large size. Calyx large and showy, and a strong staminate of productive habit and of robust, healthy growth. In foliage and growth of plants this variety strongly reminds us of Greenville (it would take a decided expert to tell them apart when growing;) its fruit also resembles the Greenville in size and in quantity, though more regular and less pointed, with a season a full week earlier—about one picking ahead of Dayton. Nearer perfection, says Mr. Kerr, than any

ORIOLE (P.) "No. 16." This is an extra early berry, ripening only two or three days behind Michel's Early, which leads the strawberry season. It is also a large berry, the average measurement being an inch and a quarter across the berry and four inches around; no immense, overgrown, specimens, and almost no small or unshapely berries among them. It is also a very productive variety, second to none in yield, and this, together with its beautiful, deep red color, with bright-colored seeds standing well out on the



other variety in existence. "Ideal," says the pomologist, and he has hit the mark exactly.

Per dozen, 30c; \$1.00 per 100; \$6.50 per 1000.

BUBACH (P.) "This is one of the very best in every respect. No unfavorable reports from anywhere. The foliage is very large, dark green and healthy; growth strong and vigorous, producing plants plentifully. The fruit is of very uniform, large size, fine form, bright crimson color, ripening all over at once, of excellent quality; begins to ripen with the Crescent, but continues a long time in bearing; very productive, holds its size well to the last picking. No one should fail to plant some of the Bubach."

Per dozen, 25c; 75c per 100; \$4.75 per 1000.

PRINCESS (P.). A berry of great and extraordinary merit, a marvelous fruiter, and has been known to yield 43,560 quarts to the acre; fruit very large, of a brilliant red, with a lustre like glass, and has prominent, showy, golden seeds; the flavor is rich and quite sweet; for garden or field culture this will surely please.

Per dozen, 25c; 75c per 100; \$1.50 per 1000.

surface, and its firm, dark red flesh, with a rich, aromatic flavor distinctly its own, makes this the most desirable berry for its money value in market that we have ever seen. Blossom imperfect, with some stamens partially developed. It has not fruited apart from staminate sorts, but its great productiveness indicates to us that it is imperfect, as it is among this class that all the heavy bearers are found. No one at all interested in strawberries can afford to let this variety go another year untried.

Prof. Heiges, U. S. Pomologist, describes it thus: "No. 16. Not entirely staminate. It might produce a perfect crop of fruit, but would advise planting some strong staminate variety with it. Very productive, and shows very little injury from the weevil; prolongs its season of blooming and fruiting, a trait rendering it desirable for garden culture. Size large, flavor very similar to the Hautboy variety."

Per dozen, 25c; \$1.00 per 100; \$6.50 per 1000.

ENORMOUS. "This is my No. 152 which I grew from seed of Crescent. It is pistillate

and blooms so late that frost has not at any time injured its blossoms. It has borne seven crops in succession without any failure. I now name it as above for its great size and enormous productiveness. It is a very large and beautiful deep scarlet berry, unsurpassed in quality. It possesses all the noble qualities of the EDGAR QUEEN, and is ten days later than that variety in getting ripe. Just as the EDGAR QUEENS are gone the ENORMOUS comes in with its immense crop of magnificent berries. It is one of the largest and latest varieties known. It is the most beautiful and the most delicious in quality. The EDGAR QUEEN is the only variety that rivals it in productiveness. The plant is a very strong and vigorous grower, leaves of a dark, glossy, green color. All in all is the most beautiful plant and valuable berry that I have ever known. It is the nearest approach to the ideal berry."—Originator.

Per dozen, 25c; \$1.00 per 100; \$6.00 per 1000.

CHILEAN (S.). A strawberry of giant proportions. It is entirely different from all other varieties in both foliage and fruit. The foliage is of a bluish green color, and the leaf stalks are margined with silky hairs. The fruit stalks stand higher than the leaves. The fruit is quite novel in itself, being of a wonderful white, slightly shaded a golden yellow, and with very prominent red seeds. On some berries there is a faint flush of crimson on one side. The fruit attains a very large size, specimens being as large as a good-sized hen's egg. It is very rich, sugary and sweet in flavor, but tastes nothing like a strawberry. However, it is highly delicious in flavor, and should be grown in every garden.

15c each.

THE LA FRANCE. One of the finest types of white strawberry that we have ever tried is the La France. The foliage of this plant is remarkable for its vivid dark green color and its healthfulness, being entirely free from rust or other diseases. It is a rapid and beautiful grower and an abundant plant maker. The La France forms a very large plant. The fruit is a brilliant yellowish white, faintly touched on one side with light red, while the flavor is superb. The berries are larger than the Marshall, and produced in the greatest abundance. The fruit stalks are also well sustained above the foliage, being very rigid and stout; thus very few berries ever get sanded. The La France is a perfect flowering sort.

Each 25c.

LINDA. Large, dark red, great shipper, and keeper.

Per dozen, 25c; \$1 per 100; \$6 per 1000.

SCARLET QUEEN. "The handsomest, brightest colored, richest flavored and best early strawberry yet introduced. A very early seedling from Noble, fertilized by King of the Earlies, and coming in between these two fine early sorts. Fruit large, well formed and of handsome conical shape. Color a bright vermillion scarlet, which is retained after picking and transit. Flesh firm, yet juicy, and of a rich, full, vinous, Queen-like flavor. Habit strong, with bold bright green and nearly smooth foliage. A very prolific and amply vigorous variety, and a splendid early table and market strawberry. Certificate of Merit Royal Horticultural Society Fruit Conference, July 8th, 1891."

25c per doz.; \$1.00 per 100; \$6 per 1000.

WILSON'S ALBANY. 25c per doz.; 75c per 100; \$1 per 1000.

LADY THOMPSON. An enormous sized early berry, great shipper, dark brilliant red color and a sweet honeyed flavor.

Per dozen, 25c; \$1 per 100; \$1.50 per 1000.

COLUMBIAN. A famous variety from Mississippi. A rapid, beautiful grower, berry large size, a deep glowing red, flavor superb; as early as Mitchel's Early, very firm, ex-

tremely productive; gives two crops a season in warm climates.

25c per doz.; \$1 per 100; \$6 per 1000.

BISMARCK (S.). The description herein given is by the originator. "The Bismark is a seedling of the Bubach No. 5, fertilized by Van Dieman; the plant resembles Bubach No. 5 in every way, but is more stocky and robust, with the same ironclad foliage. The berries are produced in abundance, outyielding Bubach No. 5; shape obtuse conical, never coxcombed; color bright scarlet, no green tips; very firm, good flavor, and shipper; season medium to very late; size larger than Bubach No. 5; excelling Mary, Timbrell, H. W. Bucher, Holland, Sharpless and Gaudy.

1 per dozen, 25c; \$1.25 per 100.

BRUNETTE. New, dark red color, and good size; noted for its rich and sweet flavor. 50c per doz."

WM. BELT. (S.) A rich, glossy red color; splendid quality, conical in shape, and quite firm; twelve berries to the quart; if you want to surprise your friends and yourself, too, raise this strawberry.

Per dozen, 35c; \$1 per 100.

BARTON'S ECLIPSE. When I say that this is another Haverland, only earlier and firmer than that famous variety, I have said a great deal, but no more than the truth. In shape it closely resembles the Haverland; it is ten days earlier, equally as large and productive, vastly firmer, and of a fine, rich color. The vigor and vitality of the plant is wonderful. When the freeze came, on March 26th, my Barton field was in heavy bloom and berry. The next day it was black as ink; every bloom and berry gone, and even the plants apparently dead. I would have taken a penny for the crop, plants thrown in. Great was my surprise, however, when they rapidly put out anew, bloomed again and bore a heavy crop of excellent berries, ripening even then with the earliest. Triumphing over heat and cold, wet and drought it is undoubtedly the general purpose berry of the future. With it a grower can defy drought. It must supplant all others as a leading market berry.—Blacknell.

25c per doz.; \$1 per 100; \$5 per 1000.

LATEST OF ALL. "A grand seedling from British Queen, crossed with Helena Glodeo. The fruit is very large, considerably exceeding in size that of either parent, and is certainly the finest flavored and largest late strawberry yet introduced. The flavor vinous, yet luscious, and quite equal to that of British Queen, but ripening several days after it. Certificate of Merit, Royal Horticultural Society Fruit Conference, 8th July, 1891."

50 cents per dozen.

CARDINAL. "A very distinct new second early variety with large and well-shaped broadly conical fruit of exquisite flavor, probably the sweetest strawberry yet raised. Flesh firm and creamy white in color, scarlet externally. Plant very vigorous and quite hardy. Very fertile and continuous in bearing. The leaf stalk hairy and the foliage strong. A very useful fruit on account of its high quality combined with size and early maturity."

50c per doz.

MORERE. "This well-known French variety is par excellence, the strawberry grown in France for market, forcing and general cultivation. The quality is excellent, the fruit highly colored, travels well, and the plant is hardy and vigorous."

50c per doz.

GUNTON PARK. "Plant very prolific; fruit extra large and one of the handsomest yet raised, in shape varying from cockscomb to obtusely conical, dark crimson scarlet, and of a pleasant brisk flavor; the flesh is firm, richly colored, becoming paler towards the center. A fine early kind very useful for forcing and bearing in long succession. First Class Certificate from Royal Horticultural Society, July

21st, 1892; also at Edinburgh, Wolverhampton and Earl's Court Exhibitions, 1892." 50c per doz.

PART No. 2.

The strawberries in this list are very good for some locations. We only grow these in small quantities as the demand is not very great.

LADY RUSK (P.) Splendid for a hot climate; very early, an abundant yielder, berries large, sweet and fine; good shippers.

Per dozen, 25c; 75c per 100; \$5 per 1000.

MIDDLEFIELD (S.) A fancy berry for a fancy market.

Per dozen, 25c; 75c per 100; \$5 per 1000.

LEADER (S.) A very large, early berry; quite productive; of an intense, glistening red, and possessing a superb flavor.

Per dozen, 25c; 75c per 100; \$3.75 per 1000.

IOWA BEAUTY (S.) One of the sweetest, as well as one of the most beautiful berries grown; very large size; enormously productive.

Per dozen, 25c; 75c per 100; \$4.50 per 1000.

WARFIELD NO. 2 (P.) The great Chicago market berry; medium size; a brilliant, dazzling red; rich, subacid flavor; very productive.

Per dozen, 25c; 75c per 100; \$4.50 per 1000.

JACUNDA IMPROVED (S.) Very similar to the Van Dieman, but with us ripens about three days earlier; the largest extreme early berry we ever fruited; we shall plant largely of this and the Van Dieman.

Per dozen, 25 cents; 75 cents per 100.

LENNING'S WHITE (S.) A very rare and scarce creamy white variety, suitable only for the amateur; berries medium in size, but of the most exquisite flavor and highly perfumed musky aroma; color white, tinted with red when exposed to the sun, and very showy on the table in contrast with dark or scarlet sorts; ripe in mid-season; plants vigorous, healthy growth; though a shy bearer, is in great demand wherever its delicious table qualities are known; a great addition to garden novelties, and should be in the hands of every thorough gardener.

Per dozen, \$1; \$3 per 100.

SWINDLE (S.) This is, indeed, a swindle with us, as it is a very poor and inferior type of berry; we hear good reports from the East, however, regarding it.

Per dozen, 25 cents; 75 cents per 100.

FINCH'S PROLIFIC. (S.) Something very fine; the fruit averages quite large and ripens with the Wilson; it is a very firm and finely flavored variety, and is very beautifully colored.

Per dozen, 30 cents; \$1 per 100.

EARLY SCARLET (S.) One of the very earliest varieties.

Per dozen, 25 cents; 75 cents per 100.

F. P. ROE (S.) We do not believe this will ever amount to much in this country.

Per dozen, 25 cents; 75 cents per 100.

CRESCENT SEEDLING (P.) Noted for its wonderful productivity, and its bright colored berries; succeeds on all soils and in all climates.

Per dozen, 25c; 75c per 100; \$3 per 1000.

DOWNER'S PROLIFIC (S.) A good yielder of large, round, light colored berries.

Per dozen, 25c; 75c per 100.

GENERAL SHERMAN (S.) Fruit quite large and showy, and of excellent quality.

25c per dozen; 75c per 100.

GYPSY (S.) Resembles the old Wilson, but of a brighter color; very productive.

25c per dozen; \$1 per 100.

GREAT ONTARIO (S.) An old variety, but very fine; of the Sharpless type.

25c per dozen; 75c per 100.

GLENDALE (S.) A very old sort; quite acid; a splendid canning variety. 25c per dozen; 75c per 100.

GENERAL PUTNAM (P.) Very similar to Cumberland Triomphe.

25 cents per dozen; 75 cents per 100.

HAYNE'S PROLIFIC (P.)

25 cents per dozen.

MINOR'S PROLIFIC (S.) Similar to the Charles Downing, but a larger and better colored berry.

25c per dozen; 75c per 100.

HOFFMAN (S.) Nearly a failure in California, and it does not do well out of its home in Southern Atlantic States. Blacknall says: "This is the earliest, finest and the most beautiful berry that man or Nature has yet produced. More money has been made on it along the Atlantic seaboard in the past ten years than on all other varieties combined. If I was offered a prize for the crate of berries to show the finest and freshest after the long journey, I should not think of any variety but the Hoffman. It is shipped from Florida to Boston, arriving in perfect condition."

50c a doz.

DEW (S.) Very similar to the Sharpless; a most wonderful keeper, and one of the very best shippers known. Brandt says: "The most prolific as well as the most luscious of all fruits, the Dew Strawberry. For size, sweetness, excellence of flavor and abundance of growth, it is not surpassed in the world. Their culture has been successful everywhere. It is not uncommon to have a yield of 6000 to 8000 quarts per acre. It is easy for any person possessing a farm or a garden, or even a spare corner of his yard in the city, to raise his own supply of Dew Strawberries, with a surplus for the market."

35c per doz; \$1.50 per 100; \$10 per 1000.

FREMONT. Seedling of Belmont; perfect blossom, dark crimson, conical, good-sized fruits, quite productive.

35 cents per dozen.

TUBBS. "This is a new variety from Anna, Arundel county, Md., and does not have to go abroad to find popularity, as in its native country where it is well and favorably known the person having out the most Tubbs is considered the most fortunate grower. This berry is highly honored by having conferred upon it the name of its originator and introducer. Mr. John Tubbs is an honorable and honest old gentleman, whose kindly face will long be remembered by the writer who had the pleasure of enjoying his hospitality for a few brief hours the past June, and sampling his famous 'Tubbs' berries where he was picking 1000 quarts per acre at a single picking on rather thin, light soil.' The berry is very productive of fruit above medium size, good form and color. Its carrying qualities, Mr. Tubbs says, are good. Time of ripening medium early." —Allen.

25 cents per dozen; \$2.50 per 100.

FOUNTAIN. We have only tried this sort one season, and cannot therefore tell its behavior here. Mr. Brandt, the introducer, states: "Introduced by us and has become famous for its great size and beauty. It is really the largest and handsomest sort grown, the berries being perfect in shape, of the deepest rich ruby color, with a sparkling lustre like glass. Ripens perfectly to the core and is exceedingly sweet and of a most luscious quality. This should satisfy the most exacting. No plant can be healthier or a better grower. The fruit is very large and beautiful and produced in the greatest abundance."

25 cents per dozen; \$1 per 100.

CRAWFORD. "In color, shape and size this is perhaps the most beautiful berry that ever glowed a living ruby in its setting of frosted emerald leaves. To do its best they say it must have high culture, but pray what variety must not? A superb garden berry."

Blacknell. Per 12, 25 cents; per 100, 75 cents.
BANQUET. "A cross of the wild field strawberry with one of the best of the large cultivated varieties; it combines size and productiveness with the delicious flavor of the wild strawberry."—Introducer.

This does very poorly with us and we cannot recommend it; it may prove of great value in other sections, however.

Per dozen, 75 cents; \$2 per 100.

ARROW. A berry similar to Warfield, but the plant is of the Gandy type; the fruit will remain on the vine several days after ripening without rotting or drying up; very productive, good size, superb flavor; a new variety.

Per dozen, 50c; per 100, \$3.50.

ARKANSAS TRAVELER (S). We were very much pleased by the beautiful growth made by this berry this year; it has not fruited with us yet; it is sent out by George Michel, the man who originated the Michel's Early.

Per dozen, 50c; per 100, \$2.50; \$15 per 1000.

WHITNEY (S). A giant berry, but its rich sweet flavor is its leading feature. It is very productive, and the berries are wedge-shaped, of a glossy, crimson color; quite attractive, either on the vines or in the boxes; it ripens somewhat early. It was sent to us by a man in the State of Washington, by the name of Whitney, for the Jessie Strawberry, but it is not the Jessie, and to distinguish it from the others, we called it the Whitney Strawberry.

Per dozen, 35c; \$1 per 100; \$4.50 per 1000.

FLUSH. We believe nobody will ever regret planting this choice sort. The fruit is of immense size; a glossy and lustrous red color, and is produced in the greatest abundance.

75 cents per dozen.

WESTON. (New). Very similar to the Greenville, but a better shipper.

Per dozen, 25c; per 100, 75c.

WEST LAWN A very late variety; fine, beautiful berries.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

WESTBROOK (P). A valuable early berry, and a long-distance shipper.

Per dozen 35c; \$1.25 per 100; \$7.50 per 1000.

WATSON. New, large, fine and productive. \$1 per dozen.

PARIS KING. Said to be one of the best fertilizers for "Bubach No. 5," "Enormous," etc.; it comes highly recommended and will no doubt prove of great value.

Per dozen, 75 cents.

ROYAL. This seedling has done well with us so far and we anticipate great things of it; one of Mr. J. H. Hayne's choice sorts; said to be of wonderful proportions.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

CINDERELLA (S.) A very choice sort for low lands; very large conical berries, brilliantly colored and highly flavored; a splendid shipper.

30 cents per dozen; \$1 per 100.

CHARLES DOWNING (S.) This does very poorly with us; for heavy soils it is highly recommended.

Per dozen, 25c; 75c per 100; \$3 per 1000.

CHAIR'S FAVORITE (S.) Choice; of great merit.

Per dozen, 35c; per 100, \$1.25.

ORANGE COUNTY (P). "It is as early as the Crescent; plant resembles Sharpless in strong healthy growth, very large and showy, a good yielder and of good flavor; color, bright red. It will double the Sharpless in yield of fruit."—H. S. Timbrell, the introducer.

35 cents per dozen.

NOONAN'S IMPROVED (S). The Florida and Texas market berry; very early.

25 cents per dozen.

MURRAY (S.) This variety is four or five days earlier than Michel's Early, and twice the size, and one of the best shippers known;

stock limited; a marvelous variety for the South and California.
 25 cents per dozen.

MRS. CLEVELAND (P). A very choice sort for home use. The fruit is very large, bright red in color, and the flavor sweet and rich. Should be fertilized by Woolverton.

Per dozen 25 cents; 75 cents per 100.

MONARCH OF THE WEST (S). One of the leading market berries on the Pacific Coast. The berries grow as large as a hen's egg, pale red in color, and of a most excellent flavor, very productive.

30c per dozen; 75c per 100; \$6 per 1000.

MAY KING (S.) "A seedling of the Crescent, which it strongly resembles both in fruit enduring foliage and extraordinary productiveness; berry of the size and form of its parent, of the same clear, bright scarlet, with added firmness and earlier than its parent in ripening, which alone makes it extremely valuable. It differs in having a perfect blossom, and is regarded as one of the best standard early sorts." 25 cents per dozen; \$1 per 100.

BRADLEY (S.) Vigorous grower; fruit large to very large; in form almost perfection; color bright red, high flavor, very firm, enormously productive.

\$1.50 per dozen.

BLACK (S.) Fruit very large, nearly black; a great bearer.

35 cents per dozen; \$1.25 per 100.

BEAUTY (S.) Grows splendid with us, a medium early, very productive sort, rich, dark red color, fine, large size.

Per dozen, 30 cents; \$1 per 100; \$7 per 1000.

IMPROVED WILSON (S.) This is so much improved that it is not the Wilson at all, but nevertheless we consider it a variety of great promise.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

ANNIE LAURIE. "Originated about six years ago by Mr. John F. Beaver of Montgomery county, O. Mr. Beaver is the most successful amateur grower that I know of. During the last twenty years he has tested nearly all the leading varieties, and he thinks this is not surpassed in real merit. He has carried it to a large number of horticultural meetings, and it always created a sensation. One of the commercial growers near Dayton, when he first saw this in bearing on the originator's place, said: 'I must have some of those plants if I have to mortgage the farm to pay for them.' The same man wrote me afterwards that he believed it to be the best yet introduced. It comes so near perfection in size, form, color and quality that when shown at exhibitions, a large number of specimens are carried away for seed, or to be shown to those who could not attend. At the strawberry meeting in this county I had it and the Prince of Berries, the standard of excellence, handed around for all to taste, and many declared the Annie Laurie to be the better."—Crawford.

25c per dozen; 75c per 100; \$3 per 1000.

ADVOCATE (S.) Originated in Canada; large size, regular, firm, quality fine, great yielder.

25 cents per dozen; \$1 per 100.

SPLENDID.—"Fruit smooth, bright red color. It is firm, a good keeper and has a perfect blossom. It begins to ripen with second picking of Crescent and holds out large berries much later; makes plants freely, plant is healthy and free from rust. In market Splendid brought 10 cents per quart when Warfield and Crescent brought 8½ cents. Splendid yielded 8000 quarts per acre when Crescent and Warfield only produced from three to five thousand quarts per acre. Truth is 'stronger than fiction.' In sending out the Splendid, I simply describe it as it appears where it originated, believing when known its merits will win. I do not indulge in a multitude of superlatives, such as "most remarkable," "most promising," "largest," "handsomest," "un-

surpassed," etc., but state exact facts ascertained from count, measurement, observation and comparison, so that those who have not known it may get a fair idea of its characteristics."—Originator.

25 cents per dozen; \$1 per 100; \$4 per 1000.
SPARTA. A seedling of the Warfield, and a splendid fertilizer for that sort; can be shipped with it.

Per dozen, \$1; \$3 per 100.

SMELTZER EARLY. "Very vigorous and healthy plants. Yielded an abundance of very fine fruit. Similar to Smith's Early in habit of plants and fruit; begins to ripen its fruit early and continues in bearing a long time."—(From 1894 Bulletin of Delaware Agricultural Experiment Station.) We had this in fruit on both our farms, and in each case we picked our first ripe berries from this variety. For so early a berry it is quite productive, decidedly ahead of Michel's Early in both size and productiveness. In quality and appearance it resembles Michel's. Best of all for an extra early strawberry, especially adapted for the South and California.—Slaymaker & Son.

Per dozen, 25 cents; \$1 per 100; \$4 per 1000.

ERIE. Large, conical in shape, scarlet color; will dry up before it will decay.
75 cents per dozen.

LANAH. A splendid berry from the Southern States.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

KLICKITIA. Noted for its high quality, and is therefore very fine for home use.

Per 100, 50 cents.

JERSEY QUEEN. A most superb berry in many sections being very large and beautiful, and possessing a very high flavor.

25 cents per dozen; 75 cents per 100.

KENTUCKY (S). A very superior late variety, which holds its fruit well up from the soil.

25c per dozen; \$1 per 100; \$4.50 per 1000.

BISEL.—"The Bisel is a seedling of the Wilson, propagated in 1887. Blossoms are pistillate. Plants healthy, vigorous grower and abundant plant-makers. They have long, fine-matted roots, which enables them to stand severe drouths. The fruit is very large, luscious and firm. Color, a deep, glossy red with double calyx. Very productive; season same as the Crescent, but continues to fruit later and very uniform in shape and size. The fruit is held from the ground by large fruit trusses, but it is protected from frost by its large foliage. One of the best plant makers. Runners large and long and sets its plants wide apart. Can be set $3\frac{1}{2}$ to 4 feet in the row and make a solid row sufficient to produce a full crop."—Originator.

25c per dozen; 75c per 100; \$4.50 per 1000.

BERLIN. Of the Bubach class of berries; very large, dark red; as good a shipper as the old Wilson.

Per dozen, 25c; 75c per 100; \$3 per 1000.

BIG BOB (P). Fruit large size and of excellent quality.

25c per dozen; 75c per 100; \$4 per 1000.

LONGFELLOW (S). Grows well with us; said to possess great points of excellence in many sections; is highly prized in the Santa Cruz regions.

Per dozen, 25 cents; 75 cents per 100.

BIDWELL (S). A very choice sort, and quite extensively grown in California; very large size, delicious flavor, and very early.

Per dozen, 25c; 75c per 100, \$3.75 per 1000.

EDGAR QUEEN (S). One of the prize-takers at the World's Columbian Exposition, and described as follows: "This is the result of a lifetime devoted to improving the strawberry; the originator selected this as the very best from a lot of 5000 plants, grown from seed. It is unrivaled as a plant-producer and equals Crescent in productiveness. Probably one of the most beautiful berries ever raised. The originator selected berries over two and one-half inches in diameter, six-

teen of which filled a quart basket, and weighed one pound.

Per dozen, 30 cents; \$1 per 100.

DEW DROP. A very late sort.

Per dozen, 25 cents; 75 cents per 100.

PRIZE. Great bearer and great runner; healthy, firm, ripens evenly.

25 cents per dozen; \$1 per 100.

RIO. This being the earliest and most beautiful, has been well tried now North and South, and seems to succeed everywhere we have heard of. It is wonderfully productive and ripens up evenly. Once in a while the larger ones are fan-shaped, with a beautiful green double calyx. It is the best shipper. Its beautiful bright scarlet color makes it a favorite with all. It not only has color, but quality.—Thompson's Sons.

25c. per 12; \$1.25 per 100.

BELLE. About five years ago a single plant of this variety was sent me for trial by the originator, Mr. M. T. Thompson (Cleveland Nursery Co.). I was so well pleased with it that I purchased the plants and increased the stock. In the spring of '93 I sent it out on trial as "51." Several hundred persons bought one

The BELLE gives promise of being a great variety here; it is a rank, vigorous grower, and the berries are of good size and deliciously flavored.

25c. per 12; \$1.25 per 100.

PRINCETON CHIEF. Originated in Illinois in 1884. The following is the originator's description: "It is a tall, luxuriant grower, with large, dark green foliage, free from rust or disease; very prolific, enduring extremes of heat or cold. It has been tested on different soils for six years; it will grow on any soil the same as the Crescent. The blossom is large and perfect and always sets perfect fruit.

The fruit is produced in great abundance on tall stout stems, which stand up from six to eight inches the entire season, holding its load of berries from the ground; there are no berries on the ground to get dirty, rotten or scalded. The fruit is given the best chance to mature, and ripens all over at once, leaving no green spots or white tips. It is beautiful in color, being of a dark glossy red which alone will make it an ornament for any table. They are so beautiful in appearance that the moment they are put on the market they will sell like hot cakes for the highest price. The flavor is delicious and very sweet, being one of the sweetest of strawberries, it can be called the honey strawberry; while its fine, aromatic flavor, resembling that of the wild strawberry, makes it one of the most delicious of berries."—Originator. Not fruited here.

25c. per 12; \$1.25 per 100.

PARRY (S). This is quite extensively grown in the Santa Cruz regions, where it is a great favorite; also in many other sections of the State. The fruit is very large, of a roundish, conical shape, quite highly colored, and very deliciously flavored. It is very productive and a most excellent shipper.

25c. per 12.

PEARL (S). A very choice sort gives two heavy crops a season here; very fine for rich valley soils.

25c. per 12.

PRINCE OF BERRIES (S). This is celebrated for its high flavor and brilliant color.

25c. per 12.

GANDY BELLE (S). A variety of great excellence.

25c. per 12.

GIANT.

25c. per 12.

GILLESPIE. A strawberry that does not succeed in all localities. These berries are very large, and tapering in shape; of a wonderful ruby color, with prominent golden seeds. In our large collection of berry plants this is the sweetest variety we ever grew, being also very rich and high flavored. The Gillespie has produced enormous fruits, speci-

men fruits having measured three inches in diameter (not circumference.) It is not an extra productive variety, but it is a rampant, vigorous grower.

25c. per 12; \$1.25 per 100.

GREAT AMERICAN. This only succeeds in certain localities, but where it does it's a grand berry.

25c. per 12.

GUIDAS. The new, exquisitely flavored strawberry of Southern California; very early, and a great shipper.

25c. per 12.

WOOLVERTON. (S.) One of the best (50) stamineate sorts known for planting with pistillate varieties, as the blossoms are heavily charged with pollen; the fruit of this sort is very large, a brilliant lustrous red, very sweet and finely flavored; quite productive.

25c. per 12; \$1.25 per 100.

Lates of All. 25 cents per dozen.

Morene. 25 cents per dozen.

Empress of India. 25 cents per dozen.

Lord Suffield. 25 cents per dozen.

Laxtons No. 1. 25 cents per dozen.

Commander. 25 cents per dozen.

Early Crimson Pine. 25 cents per dozen.

The above eight sorts are of European origin. It will pay all growers to test them as they may turn out to be something very choice for your location.

PART 3.

New Strawberries.

We would particularly recommend a trial of the following as they have done splendidly with us: Magooon, Laxtons Royal Sovereign, Rival Hudson, Cardinal, Four Seasons Berger, Dollar No. 2, Parker Earle Jr., Lucida Perfecta, Skagit, La Bicolore, Elba, Blonde, X 3 No. 4, Clyde, Royal Red, Louis Gauthier, Ridgeaway, Mele, and Vallejo.

MAGOON. This is an Oregon seedling, and a berry of great merit. It surpasses the Sharpless in rank luxuriant growth the fruit is of gigantic size, clear cherry red in color; very firm and a berry that stands wet weather splendidly. This berry is enormously productive, and it will perfect more large berries, probably, than any other berry in existence; as high as 9 quart boxes of fruit have been picked from a single plant; but if a whole acre would only average two or three quarts to the plant, what an enormous yield it would be. This berry is already celebrated as being one of the very best shipping berries. The blossom is perfect, and the foliage entirely free from rust or disease; these plants form enormous stools, and are at their best at about 3 years of age.

Per doz., 50c; per 100, \$3.50.

Edith Christy, a very valuable Australian strawberry closely allied to the famous Australian Crimson strawberry which is so extensively cultivated in Southern California; berries of good size, of a rich exquisite flavor. Each 25c.

La Bicolore, a very rare type of strawberry, possessing a wondrous tint of color similar to some rare rose; the berry is long and tapering; the color of one-half the berry is a rose red; the other half a waxy white; flavor charming; a very unique and valuable sort. Per doz., 50c.

GLAVER. A Colorado seedling that is excelling all other sorts as a shipper. Per doz. \$1.25.

THE PARKER EARLE JR. This is the most remarkable new strawberry of the season, it is a seedling of the old Parker Earle, and resembles its famous parent in many respects; however, it is much earlier than the old Parker Earle, and the fruit all averages larger, the plant is also much more thrifty, and produces a vast number of run-

ners, while the old Parker Earle is a poor plant maker in most places. The fruit of the Parker Earle Jr. is about perfection in size, color, yield and quality: the color is a bright dazzling red, with golden seeds, while the flavor is rich, sugary, and spicy, to an intense degree. The ripe berries are also quite highly perfumed with a high flavor; it is very solid, a good shipper, and home berry; blossom perfect.

Per doz., 50c; per 100, \$3.50.

GLEN MARY. Very large size, bright, glossy red, having a polished lustre of color that fairly glistens on well ripened specimens; flavor delicious; a splendid, fancy berry. Per doz., 50c.

ELBA. An extremely early sort, rapid, rank grower, much superior to Mitchell's Early in all respects. Per doz., 25c.

ENCHANTRESS. This produces the largest plants of any variety that we ever saw; the fruit is very large, highly colored, and possesses a superb flavor. Each 25c.

BLONDE. Just a magnificent sort; fruit a polished yellowish red, and such a flavor, we think so well of this that we will set a large patch of it. is unexcelled as a shipping berry; a great producer of the choicest fruit.

Per doz., 25c; per 100, \$1.00.

CHILD'S SEEDLINGS. Another wonder of the berry world; large blackish red fruits, of a honeyed flavor; also rich and spicy; great yielder and plant maker.

Per doz., 25c.

DOLLAR NO. 2. A magnificent type of the famous Dollar strawberry. The old original Dollar strawberry is the standard for long distance shipment; the Dollar No. 2 is fully its equal; the plants of this sort attain an enormous size, with heavy, spreading dark green leaves which greatly protect the blossoms against frost and rain: the fruit is very large, long and tapering, while the color is the most brilliant of reds, fairly sparkling in well-ripened specimens; the quality is a rich acid, very agreeable to all tastes. Each 25c.

LUCIDA PERFECTA. A new berry of surpassing merit; fruit large, a brilliant, glowing red, and produced in lavish abundance; a low growing sort, foliage blue green in color; leaves small and round; a great plant maker: this berry possesses a very fine, distinct flavor, and it is a very unique berry, all things taken into consideration: blossom perfect. Each 25c.

SKAGIT. A rare seedling berry, from the state of Washington; enormous fruit of high quality, and very prolific plants; beautiful, rapid growers; a splendid shipping and canning berry; also a perfect flowering sort.

Per doz., 50c.

Laxtons Royal Sovereign; said to be the greatest strawberry ever produced in England; in California it is also a wonder, the fruit being of enormous size and flavored with the most delicate wild wood strawberry aroma.

25c. each.

Porter; a splendid berry in every respect, but its superior color and flavor are its distinguishing characteristics.

Per Doz. 25c; per 100 \$1.

Plow City; is really a failure with us.

Per Doz. 25c.

Ocean City; we think well of this, but it is too early to speak well of its good points as we have not had the plants long enough.

Per Doz. 25c.

X 3 No. 4; a strange name for a strawberry, but nevertheless it is a most superb sort, the fruit is very large, most brilliantly colored, and the flavor is all that could be desired, it yields two crops a season.

Per Doz. 50c.

Clyde; a very superior sort; great yielder, good color, and excellent quality.

Per Doz. 50c.



PARKER EARLE JUNIOR.

Royal Red; an extra sized berry of irregular shape, flavor very acid, especially desirable when extra large berries are wanted.

Per Doz. 50c.

Louis Gauthier; a French strawberry that gives most excellent results in California, everbearing, similar to the La. France.

50c. each.

Vallejo strawberry; produces long trusses of vines that fairly blaze with brilliant colored fruits, something new and distinct in the strawberry line; this strawberry is only an ornament and makes a most excellent pot plant; fruit not edible.

Per Doz. 25c.

Jerry Rusk. Each 10 cents.

Rival Hudson; of enormous size, very early and an abundant yielder.

Peerless. 10 cents each.

Unnamed; several splendid sorts. Per dozen, 25 cents.

Cardinal. Per dozen 25c., per 100 \$1.

Scarlet Queen. Per dozen 25c., per 100 \$1.

Edith. Per dozen 25 cents.

Kyle. Per dozen 25 cents.

King Worth. Each 10 cents.
Tahoe. Each 10 cents.

Ed. Le'Fort. Each 10 cents.

Crystal Palace; very fine. Each 10 cents.

Effie May. 25 per dozen.

Baillys Giant. 25 cents per dozen.

La Montreuse. Each 10 cents.

Captain. 50 cents per dozen.

Cobden Queen. 25 cents per dozen.

Parderosa. Each 10 cents.

Mastodon. Each 10 cents.

Perfection. Each 10 cents.

Lehigh. Each 10 cents.

Seek No Further. Each 10 cents.

Princess Dagmar. Each 10 cents.

Smalley No. 6. 25 cents per dozen.

Margaret. 25 cents per dozen.

Drought King. 10 cents each.

Ridgway; this is a fine berry and no mistake. 25 cents per dozen.

Frogmore Late Pine. Each 10 cents.

Satisfaction. Each 10 cents.

Mele; extra choice. 25 cents per dozen.

Tennyson. Each 10 cents.

McKinley. Each 10 cents.

PART 4.**Alpine Strawberries.**

These are very fine, and no garden is complete without them; they are small in size, but great and regular bearers, and are the very best for home use where something fine is wanted; they are not as good to eat out of hand as the larger sorts, but when served with sugar and cream, or made into a short cake, no berry can equal them. It is true that they are tedious to pick, on account of their smallness, but then you can have them from the earliest spring until late in the fall, in the greatest abundance.

RED ALPINE. Long, dark crimson; high, aromatic flavor; great yielder.

15c. doz.; 40c. per 100.

WHITE NOVELTY. Large size. 50c. doz.

RED BUSH ALPINE. A wonderful berry, having no runners, but growing into immense stool plants; fruit very similar to Red Alpine; enormous yielder, single plants in New York state having yielded one pint of berries at a picking in November! These are fine plants for borders, as they throw out no runners, and are singularly beautiful ornamental plants, when loaded with their dense loads of fruit; they are grown easily from seed.

Each 10c.; per dozen \$1.

WHITE BUSH ALPINE. Same as above only the fruit is white.

Each 10c.; per dozen \$1.

SIERRA RED ALPINE. A choice wild strawberry from the Sierra Nevada mountains, California, possessing a very high, tartish, aromatic flavor, valuable only for experimental purposes. 20c. doz.

RED and GOLD ALPINE. Of very little value except to experiment with. 20c. doz.

WHITE WOOD ALPINE. Same as the Red Alpine, except the berries are round, instead of oblong like the others.

RED WOOD ALPINE. Round red variety. Price of Red and White Wood Alpine plants, 25c. per dozen.

ROYAL HAUTBOIS (S.) A most distinct type of strawberry; the fruit is of good size; light, purplish red in color, with a flavor like a Catawba grape, being rich and musky; the Hautbois is a great yielder.

75c. per 12; \$2.50 per 100.

BELLE BORDELAIS. A variety of the Hautbois, with very ornamental foliage; fruit medium size, juicy, and with a high, musky flavor; a splendid table variety.

\$1.25 per doz.

MEXICAN ALPINE. The wild strawberry of Mexico, which is very extensively cultivated in that country; it is of fair size, of a very rich, musky flavor, and a great yielder.

50c. per 12.

BELLE DE MEAUX, or Black Alpine. A black strawberry of fair size, which will bear enormous crops all season long in any climate; this fruit possesses the mystic delightful flavor of the wild Alpines; will grow readily from seed, and produce true to name.

50c. per dozen.

THE FOUR SEASONS BERGER. One of the largest of all Alpines and very productive. 50c. per dozen.

AMELIORE. A gigantic sized berry for an Alpine, everbearing in all climates.

50c. per doz.

RASPBERRIES.**PART 5.**

Prepare the land for Raspberries the same as for strawberries; have the rows seven feet apart, and plant 2 feet apart in the rows. If the canes are to be trellised, allow them to grow as long as possible; if they are to be

staked, pinch off the young canes when 3 feet high, and the following spring the young laterals should be pruned within 12 inches of the cane, work in an abundance of manure each spring; cut out all old wood in the fall of the year.

The best raspberries for profit are the Hudson River Antwerp, French Everbearing, First and Best Hansell, Miller Red, Barter, Cuthbert, Crimson Beauty and Surprise among the red sorts; Columbian, Schaeffers, Colossal and Gladstone among the purple varieties; and Golden Queen, Caroline and Yellow Antwerp among the yellow sorts. The best black sorts are Kansas, Gault, Gregg, Souhegan, Lovett and Ohio. You will make no mistake if you plant any or all of these.

Red Raspberries.

HUDSON RIVER ANTWERP. One of the most satisfactory that can be grown. We highly recommend this; it has tall, heavy growing canes and flourishes to perfection in hot climates, it is an enormous cropper and many berries average an inch in diameter, the canes unless staked or trellised will bend to the earth with their loads of crimson fruits, a splendid market sort, medium season in ripening. Price 50c. per dozen, \$2 per 100, \$20 per 1000.

FRENCH EVERBEARING. Is one of unusual merit, and quite distinct from the average red raspberry. It undoubtedly forms larger bushes than any other red variety known; the leaves are a dark green and the canes are just immense in size. This is a strange and unique raspberry, as it gives three enormous crops a season; the fruit averages of the largest size, being about one-third larger than the Cuthbert; the fruit is singularly beautiful and attractive, being a glowing, brilliant red, frosted with a white bloom. The flavor is superb, being rich, sweet, spicy, aromatic and delicious, melting in the mouth with no hard core at all. This marvelous berry furnishes fruit in the greatest abundance, from early spring until the snows of winter set in. It is of decided merit as a shipping berry, standing travel splendidly and when placed in market sells itself by its wondrous beauty. This great raspberry is of French origin, being imported from France by one of California's leading nurserymen. As it is such a valuable fruiting raspberry, the plants of this sort will be rather scarce for several years, as persons who purchase plants will prefer to increase their plantations, instead of disposing of their surplus plants. We consider this variety the best all purpose raspberry of any offered at the present day. We believe it is cosmopolitan in character—standing all climates alike; the extreme cold of the east and the scorching sun of the south.

Price 10c. each, 75c. for 10, \$5 per 100.

FIRST AND BEST. We are pleased to be the introducers of such a valuable raspberry. This variety is widely different from all other raspberries, because the fruit buds spring direct from the old wood; whereas in all other varieties of red raspberries the old plant first makes a new growth before any fruit buds appear. In the very earliest of spring, the First and Best is ready to bloom—long before strawberries are in bloom in many cases. If the first blossoms are killed by frost, a new crop of bloom immediately appears, and if this one gets killed, another burst of bloom will burst forth, so that practically you will always get a crop, even if killed half a dozen times. This most remarkable raspberry ripens with the earliest strawberries, and in some sections we believe it will ripen before. It is a very productive sort, of a clear, bright red color, good size, and possesses an exquisite flavor; the season of fruiting is about six weeks; the fruit retains its size until the last. It is at once



B.J.H SMITH & CO. CHICAGO.

noted that a red raspberry ripening so early is a great money maker, as the first fruit in the market commands big prices and sells readily. This raspberry we have good reason to believe will prove hardy throughout the United States.

Single plants, 20c. each; \$1.80 per 10.

MILLER RED RASPBERRY. Here is an instance of one of the good things of life which has been kept from the public for some years by a few growers, who preferred to market the fruit rather than sell the plants. This berry has been fruited for some years past, and would probably have remained in seclusion for a long time to come if it had not been brought to public notice by

a few enterprising fruit men, who desired that the horticultural world should know more of its good qualities and reap some of the profits thereof. Only a short description is necessary.

The bush is a stout, healthy, vigorous grower, not quite so tall as the Cuthbert, but rather more stocky and dwarfish. It is well calculated to hold up the immense crops of fruit with which it loads itself.

As compared with Cuthbert and Thompson, growing in the same field, it has never yet shown any signs of winter killing, whilst these have both suffered considerably in mild winters. Berry is as large as Cuthbert holding its size to the end of the season;

round in shape; color bright red, does not fade, but will hold its color after shipment longer than any other red variety; core very small, does not crumble, making it the firmest and best shipping berry in existence; has not the flat taste of some varieties, but a rich, fruity flavor entirely its own. The time of ripening is with the very earliest, the first picking being with Thompson's Early, June 11th, the Miller producing double the quantity of berries at each picking that Thompson's did, in the same field, under the same conditions, continuing until August 3d—Thompson having been gone three weeks; fully as prolific as Cuthbert. It does not seem particular as to soil, having been fruited on light, sandy, gravelly, and heavy clay soils with equal success.

50c. per 12; \$8 per 100; \$20 per 1000.

HANSELL. Very large size and extremely early; brilliant red berry; very firm and therefore a great shipping raspberry; very productive; succeed well in all places.

50c. per 12; \$1 per 100; \$8 per 1000; \$75 per 10,000.

SURPRISE. A gigantic sized red raspberry, deliciously flavored and an enormous yielder; splendid shipper. It is a very late sort, ripening when nearly all other sorts are gone,

50c. per 12; \$8 per 100; \$20 per 1000.

CRIMSON BEAUTY. A most desirable sort; large size, bright glossy red, great yielder, and possesses a fascinating, tartish flavor.

75c. per 12; \$4 per 100.

BARTER. Very productive; splendid market berry; fruits nearly an inch in diameter; brilliant red color; delicious flavor.

50c. per 12; \$8 per 100; \$20 per 1000.

OCTOBER RED. A variety that yields a marvelous crop of large sized, rich, acid flavored berries in October and November.

\$1 per 12; \$8 per 100; single plants 15cts each.

CATAWISSA. Does not bear fruit until in October; these berries are as choice and fine as anything ever grown; a brilliant reddish color and a tartish flavor. Each 50c.

GREAT AMERICAN. Apparently the same as the French Everbearing. Same price.

AMAZON. \$1 per 12.

FRANCONIA. \$1 per 12.

CUTHBERT. 50c. per 12; \$2 per 100; \$12.50 per 1000.

CLARKE. \$1 per 12.

FASTOLF. \$1 per 12.

BRANDYWINE. \$1 per 12.

MARLBORO. 50c. per 12; \$8 per 100.

TURNER. \$1 per 12.

HIGHLAND HARDY. \$1 per 12.

PHILADELPHIA. \$1 per 12.

RANCOCAS. \$1 per 12.

SCARLET GEM. \$1 per 12.

MARION'S FAVORITE. \$1 per 12.

LONDON RASPBERRY. \$1 per 12.

ALL SUMMER. \$1 per 12.

ROYAL CHURCH. \$1 per 12.

BLACK HILLS RED. \$1 per 12.

THOMPSON'S EARLY. \$1 per 12.

PRIDE. \$1 per 12.

PHENIX. \$1 per 12.

LAST RUBIES. \$1 per 12.

MILLER'S WOODLAND. \$1 per 12.

SUPERLATIVE. Each 50c.

KELWAY QUEEN. \$1 per 12.

HORNET. Long conical red berries; high flavored and great yielders.

10c. each; 75c. per 10.

HERSTINE. 75c. per 10.

KNEVETT. \$1 per 12.

RELIANCE. 50c. per 12.

SUPERB. 50c. per 12.

Purple Raspberries.

SCHAFFER'S COLOSSAL. Is a large, purple berry, with a delicious, sub-acid flavor; it is the best canning berry known, and is grown very extensively for that purpose;

will succeed in all soils and locations. In yield it can hardly be surpassed by anything. It is a cross between the black cap raspberries and the red ones.

75c. per 12; \$4 per 100; \$20 per 1000.

COLUMBLAN. Is claimed to be a rival to the Schaeffer's Colossal. Just now it is being widely advertised by American nurserymen; we have heard no unfavorable reports of it yet; fruit is of a fine purple color, almost an inch in diameter; plants are great yielders and luxuriant growers, attaining a height of 16 feet.

15c. each; \$1 per 10; \$8 per 100.

GLADSTONE EVERBEARING. We are highly pleased with this sort, as it gives marvelous results in California. It is a great yielder; fruit is of large size; a bright, reddish purple in color, and it possesses a magnificent flavor. It yields a heavy crop in early spring, and again in the fall. The young canes give a crop almost equal to that of the old growth.

\$1 per 12; \$8 per 100.

NEW ROCHELLE. Fine purple sort.

\$1 per 12.

PART 6.

Yellow Raspberries.

GOLDEN QUEEN. A sport from the Cuthbert; this is the most magnificent raspberry that we have ever tested; that is, in the line of yellow raspberries; the flavor is extremely delicious, being spicy, sweet, with a most wonderful wild wood aroma. Visitors to our place pronounce this the queen of all raspberries for rich high flavor. The fruit of this sort is of a glowing, silvery yellow color, and large size. We believe that this sort will yield more fruit at one crop than any other variety that we have.

75c. per dozen, \$2.50 per 100, \$20 per 1000.

GOLDEN ALASKA. A type of yellow raspberry from Alaska; one of the kind that the Klondyke prospectors feed on; it is a great yielder and a good sized berry.

\$1 per dozen, \$8 per 100.

GOLDEN DEW DROP. A very rare and distinct sort. Each \$1.

AMERICAN WHITE. Each \$1.

SILVER QUEEN. Each \$1.

YELLOW SPICE. A yellow type of the black California raspberry; of large size and splendid flavor. Each 25c., per doz. \$2.

CAROLINE. A large yellow sort almost unrivaled for productiveness.

Per ozoz. 50c.; per 100 \$1.50; per 1000 \$15.

BRINKLES ORANGE. Per doz. 50c.; per 100 \$1.50.

HIMALAYAN. A wild raspberry from the Himalayan mountains; a rank and vigorous grower, and attains a height of 10 feet, with canes an inch thick; the fruit is of good size, a brilliant yellow, very sweet and fine; this variety is very productive, and one of the best for a warm climate where other sorts are scorched up by the intense heat.

Stock limited, 35c. each.

OCTOBER YELLOW. A most superb sort. Should be mowed down early in the spring, and in October and November it will give an enormous crop; these plants have crinkled beautiful foliage.

Per doz. \$1.50; single plants, 25c.

CHAMPLAIN. Each, 25c.

PART 7.

Black Raspberries.

GAULT PERPETUAL RASPBERRY. The greatest novelty in small fruits. Fruit immense size; commences to ripen with Gregg, continuing until frost. Plate made from photograph of tip cut September 21st, 1893.



SCHAEFFER'S COLOSSAL RASPBERRY.

Young canes frequently produce clusters of 50 to 100 perfect berries.

Each 25c., per doz. \$2.

MAMMOTH CLUSTER. Large, jet black, with a rich purple bloom; very juicy and high flavored. 75c. per dozen.

TYLER. 75c. per doz., \$3 per 100.

KANSAS. One of the best black sorts. 75c. per doz., \$3 per 100.

GREGG. 75c. per doz., \$3 per 100.

SOUHEGAN. 75c. per doz., \$3 per 100.

NEHAMA. 50c. per doz.

ONANDAGO. 50c. per doz.

MYSTERY. 50c. per doz.



GAULT PERPETUAL RASPBERRY.

CARMEN. 75c. per doz., \$3 per 100.
 PALMER. 75c. per doz., \$3 per 100.
 PROGRESS. 75c. per doz., \$3 per 100.
 LOVETT. 75c. per doz., \$3 per 100.
 DOOLITTLE. 75c. per doz., \$3 per 100.
 WINONA. 75c. per doz., \$3 per 100.
 SMITHS GIANT. 75c. per doz., \$3 per 100.
 WADE. 75c. per doz., \$3 per 100.
AMERICAN EVERBEARING. 75c. per
doz., \$3 per 100.
 CROMWELL. 75c. per doz., \$3 per 100.
 OHIO. 75c. per doz., \$3 per 100.
 EARHART. 75c. per doz., \$3 per 100.
 JOHNSONS SWEET. 75c. per doz., \$3
per 100.
 WILSONS SWEET. 75c. per doz., \$3 per 100.
 COURATH. 75c. per doz., \$3 per 100.
 OLDER. 75c. per doz., \$3 per 100.
 HASKINS. 75c. per doz., \$3 per 100.
 MAHLER. 75c. per doz., \$ per 100.

MILLS NO. 15. 75c. per doz., \$3 per 100.

BLACKBERRIES.

PART 8.

The same culture as for raspberries may be given. Our variety tests have shown us that the following are the best sorts: Cosumnes, Humboldt, Minnewaski, Erie, Kittitany, Lawton, Crandall and El Capitan. These sorts head the world for large blackberries and lots of them.

COSUMNES. A wild blackberry, discovered on the Cosumnes River, California, and noted for its luxuriant growth and productiveness, and the large and superior flavored fruit.
 10c. each, 75c per 12, \$5 per 100.

MINNEWASKI. A very choice sort; fruits large, roundish, deliciously sweet; a heavy bearer.
50c. per 12, \$3 per 100.

EARLY CLUSTER. A vigorous, healthy grower; fruit large and without any hard core.
75c. per doz.

STONE'S HARDY. Medium size, good quality.
\$1 per doz.

WACHUSETT. A choice thornless variety.
\$1 per doz.

THOMPSON'S EARLY MAMMOTH. A trailing blackberry; should be trained on a trellis; fruit very large and of excellent flavor.
\$1 per doz.

LINCOLN. Late; fine quality.
75c. per doz.

LEADER. 25c. each.

The following varieties are 75c. per dozen, \$2 per 100:

AGAVAM. Flavor equal to that of the wild blackberry; very productive, and ripens early.

EARLY HARVEST. Quite early, very productive; berries sweet and highly flavored.

WILSON JUNIOR. An improvement upon Wilson's Early.

SNYDER. A very distinct sort, yielding large crops of medium-sized, superbly-flavored berries; very early.

TAYLOR. Of the largest size, fine quality; very productive, and quite hardy.

WILSON'S EARLY. A valuable sort for market or home use.

EARLY KING. Large, sweet, and very productive.

OREGON CUT LEAF, or EVERGREEN. Quite a distinct variety, with beautiful ornamental foliage, the vines growing year after year like a grapevine. The first fruit borne is quite poor and inferior, but when well established, at about three years of age, the vines yield enormous crops from the first of August until late in September. Old plants will cover a large area of ground, or may be trellised, and a single plant will yield in one season from 25 to 40 gallons of fruit, the berries of fair size, very sweet, and of a rich vinous flavor.

10c. each, 75c. per 12, \$5.50 per 100, \$40 per 1000.
LAWTON. The standard market berry; fruit jet black, large; extremely productive, and succeeds in all localities.

50c. per 12, \$3 per 100.
KITTITANY. A most magnificent sort; very large and ripe as soon as black; flavor sweet, rich and aromatic. Continues a long time in bearing.

50c. per 12, \$3 per 100.

SILVERSTAR BLACKBERRY. This fruit will yield as much fruit as the Lawton. Fruit yellowish green in color; but the flavor is what is wonderful, being entirely different from any blackberry, as it is very sugary and rich. 25c. each.

ERIE. A very choice sort, berries very large and most deliciously flavored; a splendid market berry.

50c. per 12, \$3 per 100.

ANCIENT BRITTON. Really a very fine sort, large size, melting, sweet and rich.
75c. per 12, \$2 per 100.

DORCHESTER. A very old sort, and excelled by very few for productiveness.
75c. per dozen.

CRANDALL'S EVERBEARING, or Texas Hybrid. A choice sort, extensively grown in California, and probably the very best for extreme warm climates—of no value in cold localities; low growing; fruit very large, deliciously flavored, and very sweet; is borne in the greatest abundance from early spring until quite late in the fall. This variety is in heavy demand in Southern California and Arizona.

50c. per 12, \$2.50 per 100, \$15 per 1000.

EL CAPITAN. The best blackberry with which we are acquainted; yields a heavy and continuous crop of fruit for about three

months, outrivalling in productiveness all other sorts; fruit large, jet black, vinous and sweet; very heavy canes, which attain a sturdy, tree-like form.

The demand for this variety will be immense when it is better known.
50c. each.

This seasons test has shown us that the Erie and Cusomnes are equal if not ahead of the El Capitan.

CRYSTAL WHITE. A pistillate sort that should be planted near other varieties to secure good crops. Fruit white and of a pleasant and delightful flavor.
50c. per 12, \$2.50 per 100.

OHMER. A very superior sort; fruit of enormous size, a glossy jet black, with a rich, high flavor. Very productive.
50c. per 12, \$2.50 per 100.

CHILD'S TREE, OR TOPSY. We do not see the use of calling this a tree blackberry, as many of the vigorous growing sorts can be trained into tree forms. This variety is a great and abundant bearer of the choicest fruit.

50c. per 12, \$2.50 per 100.

MAXWELL'S EARLY. A most remarkable sort; fruit 3 times as large as Early Harvest; rich, sweet and luscious. This variety ripens before strawberries are gone; very heavy cropper. Will be widely planted when better known.

10c. each, 25c. per 3, 75c. per 12, \$3 per 100.
\$25 per 1000.

EL DORADO. Fruit enormous, possessing a rich, sweet, pleasant flavor.
25c. each, \$1.75 per doz.

SPALDING. A noted sort, from Texas, valuable only in warm climates.
25c. each.

DALLAS. Vigorous, drooping, thorny, bearing fine fruit splendid for a warm climate.
10c. each.

SACRAMENTO RIVER. A choice wild sort, collected in the Sacramento Valley, California.
75c. per dozen.

WASHINGTON. A superior wild sort, collected in the State of Washington.
75c. per dozen.

OLE BILL. Claimed to be the largest of all blackberries.
30c each.

WILD SWEET. A superb table fruit, small in size, but very rich and sweet flavor.
10c. for 50c.

HUMBOLDT. A distinct type of blackberry, and one of the greatest value. The vines grow in a trailing form along the ground, and continue to form larger vines each year, as they do not die down like the common blackberry. The fruit is entirely different from that of Eastern varieties, possessing a wildwood aroma, rich, sweet, spicy and aromatic flavor. Very prolific. The fruit sometimes one and one-half inches long, of a beautiful reddish black.

On account of the strange, peculiar aroma and delightful flavor, they are highly prized for canning, and make fine jams, jellies, etc., and excellent for immediate table use.

15c. each, \$1.25 per 10, \$10 per 100.

SNOW QUEEN BLACKBERRY. A wondrous berry with a rare white tint of color, the prevailing color however is white, very productive of large, fine fruits; flavor very spicy and rich. Each 25c.

IMPERIAL HIGH BUSH BLACKBERRY. Grows 16 feet high, canes 1 inch thick; enormous round berries but very tart in flavor.

25c. each, \$1.75 per 10, \$15 per 100.

M. A. Dewberries.

PART 9.

RUBUS CANADENSIS Linnaeus. The Dewberry of North America. A shrub of trailing

habit, with black fruit, of excellent flavor, that ripens much earlier than the blackberry.

The Dewberry is a profitable berry to raise, and readily commands a good market price.

Their culture is similar to the blackberry. They should be trellised to give best results.

MAYES HYBRID DEWBERRY. The largest of all dewberries, and in California it is 2 weeks earlier than the Lucretia; it is of jet black color, delicately flavored, and is extremely productive.

10c. each, .75c. per 10, \$5 per 100.

LUCRETIA. A very choice sort, fruit one and one-half inches long, and nearly an inch in diameter, jet black, very sweet and luscious, rivaling any blackberry. Very hardy.

.75c. per 12, \$2 per 100, \$15 per 1000.

MAMMOTH WHITE. A superb fruit of enormous size, beautiful white in color, with a rich, sweet, honey-like flavor; very productive. This is a tender plant, recommended only for the hot interior portions of California and the Southern States.

.50c. each, .50c. doz., \$8.50 per 100, \$25 per 1000.

BARTEL'S MAMMOTH. Very large, deliciously flavored berry.

One dollar per dozen.

MANATEE. A most marvelous variety for warm climates; yields at the rate of 250 bushels to the acre; ripens in April.

.50c. per 12, \$1.50 per 100.

LONE STAR. A variety of great merit; fruit black.

.50c. each.

TEXAS WHITE. A very superior variety, berries white.

.50c. each.

SIERRA RED. Fruit small; of value only for experimental planting.

10 for .50c.

SIERRA YELLOW. Fruit yellow, otherwise like the Sierra Red.

10 for .50c.

NEW ORLEANS. (Mortgage Lifter.) Gigantic berries, great yielder and most excellent flavor. Each .25c.

CRYSTAL DEWBERRY. Beautiful silver colored fruits of a rare flavor. Each .25c.

OREGON QUEEN DEWBERRY. A select wild sort from Oregon; very ornamental with beautiful reddish wood set with crimson thorns; fruit very large and plenty of it.

.50c. each.

FAY'S PROLIFIC. Good size, clear cherry red, delightful flavor; a great yielder.

10c. each; .75c. for 10; \$5 per 100; \$40 per 1000.

CHERRY. Sub-acid, large, brilliant red fruit, very fine.

10c. each; .75c. per 10.

WHITE GRAPE. Large, white berries, very productive.

10c each; .75c. per 10.

BLACK GRAPE CURRANT. A very fine black sort. 10c. each; .75c. per 10.

OGDEN BLACK. Large jet black fruits; of high flavor. 10c. each; .75c. per 10.

BALDWIN'S BLACK. Fruit large, rich, sweet, and musky in flavor.

15c. each; \$1 per 10.

RED DUTCH. Medium-sized fruit, borne in large bunches.

10c. each; .75c. per 10; \$5 per 100; \$40 per 1000.

WHITE DUTCH. Similar to the Red Dutch, except in color.

.75c. per 10; \$5 per 100.

BLACK CHAMPION. Choice black, English sort.

15c. each.

LA VERSAILLES. Excellent flavor, large, red.

15c. each.

BLACK NAPLES. Large size, great yielder, black.

10c. each; .75c. per 10.

LEE'S PROLIFIC. A choice black currant.

10c. each; .75c. per 10.

VICTORIA. An excellent, very late, red currant.

15c. each; .75c. per 10.

CRANDALL'S BLACK. Large black currant, with musky flavor; a great yielder.

15c. each; \$1 per 10.

NORTH STAR. A new red cast that is being widely planted.

25c. each.

IMPERIAL YELLOW. The best yellow currant.

30c. each.

BLACK ENGLISH. A good yielder.

10c. each.

MOORE'S RUBY. Large, red, delicious flavor; an American variety, new.

30c. each.

PRINCE ALBERT. A red currant of fine quality.

40c. each.

WHITE GONDOIN. Large white currant.

25c. each.

RED GONDOIN. An excellent sort for a hot, dry climate; large, red and very productive.

15c. each; \$1 per 10.

PRESIDENT WILDER. Splendid new red currant.

25c. each.

KNIGHTS'. Large, red; a choice but little-known sort.

30c. each.

GLORIE DES SABLOONS. A most remarkable currant, distinctly striped red and white.

.35c. each.

WHITE IMPERIAL. A large, rich, white currant, sweet and very productive.

10c. each.

WHITE RED. A choice red sort.

25c. each.

BELLE DE ST. GILES. A fine new currant, as large as Cherry and three times as productive.

\$1 each.

Currants.

PART 10.

CURRANTS should be planted on rich soil, and in countries deficient in natural rainfall they should receive abundant irrigation. Every spring fertilize the soil thoroughly. Cut out all old wood as fast as it begins to decline and trim the young growth well. Plant any time from November 1 to April 1, four feet apart in rows five feet wide.

WHITE WONDER CURRANT. The most beautiful white currant in existence; flavor the very best; good yielder; a splendid sort for extreme warm climates.

.15c. each; \$1.25 per 10.

FERTILE DE PALUAUA CURRANT. The best red currant for dry hot soils; it is also a splendid sort for cold localities. Very productive; fruit large.

.15c. each; \$1.25 per 10.

Gooseberries.

Part 11.

The demand for choice varieties of gooseberries is very great at present, as it has been demonstrated to a certainty that when well grown it is a profitable fruit to raise. A good plantation of gooseberries will last 50 years.

Plant four feet apart, in rows about eight feet apart; trim back well in early fall, and keep the center of bush well trimmed out; the ground should be enriched by the application of an abundance of well-rotted barnyard manure, which should be thoroughly worked into the soil early each spring.

FOR MILDEW on English sorts, spray with the Bordeaux mixture when first in leaf, and again 2 weeks later.

OREGON CHAMPION. Very productive; fruit of medium size, rich sub-acid; succeeds everywhere; no mildew.

10c. each; 80c. per 10; \$5 per 100; \$40 per 1000.

DOWNING. Medium-sized fruit, light green; very prolific.

10c. each; 75c. per 10; \$5 per 100.

HOUGHTON'S SEEDLING. Small or medium sized, pale red, fruit; succeeds everywhere. No mildew.

10c. each; 75c. per 10.

MOUNTAIN SEEDLING. Large, dark red fruits.

25c.

GOLDEN PROLIFIC. Fruit one and three-quarter inches in length, clear golden yellow, of superb flavor; very prolific.

40c. each.

SMITH'S IMPROVED. Light green, sweet, and pleasant flavored fruit.

25c. each.

CROWN BOB. Large, red fruit.

50c. each.

TRIUMPH. Fruit golden yellow, large, fine flavor.

75c. each.

RED JACKET. A choice American seedling; bears large red fruit; no mildew.

35c. each.

PALE RED. Fruit red, medium size; a very prolific American seedling, not subject to mildew.

60c. each.

INDUSTRY. As large as small plums; rich dark red; delicious flavor; very prolific.

50c. each.

KEEPASAKE. Fruit large, green; a vigorous grower. 50c. each.

LANCASHIRE LAD. Large, clear bright red, of excellent flavor.

50c. each.

WHITESMITH. Large, yellowish fruit; fine quality.

50c. each.

CHAUTAUQUA. Fruits 1½ inches long, pale yellow, very fine.

\$1.25 each.

PEARL. A Canadian gooseberry of great excellence; prolific bearer and a general favorite.

40c. each.

SIERRA RED. Fruit of enormous size, orange red; aromatic, high flavor; very prolific bearer. Plant very ornamental.

YOSEMETE. A brilliant dark red, and very thorny fruit.

SIERRA YELLOW. Fruit a clear golden yellow, otherwise identical with Sierra Red Gooseberry.

35c. each; cuttings, which grow and root readily, 5c. each; the following the same price:

KELSEY. Large, excellent fruit; slightly subject to mildew.

AUTOCRAT. An excellent new variety.

QUEEN. New, \$1 each.

BIG BOY. A celebrated gooseberry, that excited great interest at the Columbian Exposition because of its gigantic size. No mildew has appeared yet.

We control the entire stock; \$1.50 each.

COLUMBUS. Very fine, pretty, yellow fruit; prolific; no mildew.

75c. each.

CORLISS SEEDLING GOOSEBERRY.

50c. each.

Cranberries.

Part 12.

VACCINIUM MACROCARPON Aiton. A trailing evergreen bush, with stems attaining a length of 3 feet. Enormous quantities of this fruit have been produced by regular culture, with great profit. The berries are of acid taste, pleasant aroma, bright scarlet in color.

Considerable interest is now being manifested in the culture of the cranberry. It may readily be grown on upland soil, as well as on damp, boggy land. For upland planting, cover the ground about 3 inches deep with sand; arrange rows 18 inches apart so that they can be readily irrigated; set the cuttings 12 inches apart in the rows, and irrigate 3 times a week; keep free from weeds, and in 2 years they will cover the ground, and will produce 3000 lbs. of fruit to the acre the first year, double that amount the second year, and from half a ton to a ton and a quarter each succeeding season.

Planting can be done from September to November, and from February until May, according to the locality. For bog planting, drain off the water to a depth of a foot; pare off the surface and cover with 4 inches of sand, and set plants out 12 by 18 inches apart. Cuttings only are used in establishing new plantations; these grow very easily.

CAPE COD CRANBERRIES. Best sorts. 75c per 100 cuttings.

BELL. Dark red, earlier than Cherry. 75c per 100 cuttings; \$5 per 1000.

CHERRY CRANBERRY. 75c per 100 cuttings; \$5 per 1000.

TREE CRANBERRY. Not a true cranberry. Yields an abundance of fine berries of a juicy, acid flavor; brilliant red; a fine substitute for the swamp cranberry. Attains the height of a small tree, and very ornamental.

25c each.



Rare Berry Plants.

Part 13.

RUBUS NUTKANUS. Mocino. Salmonberry, the West American Mayberry; a singularly beautiful fruit, varying in color from a clear golden yellow to an orange red; delicious when served with sugar and cream.

We do not advise the trial of more than one plant; if found to succeed in the locality chosen, we will be pleased to furnish in quantity. Plants 25c each.

SHEPHERDIA ARGENTIA. Nuttall. The Buffalo berry occurs from the Missouri to Hudson's Bay, attaining a height of ten feet, with beautiful silvery foliage. It commences bearing when very young, yielding abundantly every season, the brilliant red berries ripening from December to May, at a time when all other fruits in its native region are past bearing. The acidulous edible berries

are useful for sauce, jams and jellies, and excellent for the table when served with cream and sugar.

15c each; 2 for 35c; 10 for \$1; \$5 per 100.

THE STRAWBERRY-RASPBERRY. This is called the novelty of novelties, a strange and beautiful shrub or bush, with the foliage of a rose and bearing huge fruits like a strawberry, of a rosy red color, and most deliciously flavored. The bush grows after the manner of a raspberry, and commences to bloom when only a few inches high, as soon as set out, and continues to ripen fruit until late in the fall.

This fruit is considered a great acquisition to the list of small fruits, and is destined to become a standard market berry, as it can be utilized for every purpose that strawberries or blackberries are used.

The plant is quite hardy, and will no doubt succeed in every part of the United States, and a great sale is predicted for this new fruit this season. A native of tropical and subtropical Africa, Asia, and Australia, ascending the Himalayas to 10,000 feet.

5c each; per 100, \$3.50; per 1000, \$25.

JAPANESE WINEBERRY. The genuine wineberry (the improved sort) is a most rapid grower, the vine being highly ornamental and very healthy. The fruit is of good size and produced in the greatest abundance. In fact, our new wineberries are as prolific as the Schaeffer's Colossal raspberry. The fruit is a clear, shining red, while the flavor is exquisite; better to my individual taste than any raspberry. The uses to which this fruit can be put are manifold; it can be served every way in which raspberries and strawberries are used.

10c each; per 10, 75c; per 100, \$6.

JAPANESE GOLDEN MAYBERRY.

25c each; 10 for \$2; \$16 per 100; \$125 per 1000,

ELEAGUS LONGIPES. A splendid new berry. 25c each.

CALIFORNIA ELDERBERRY. 50c each.

THE CORAL BERRY. This is the most unique and remarkable berry ever introduced; it is a distinct type of fruit, differing widely from any variety of berry now cultivated. The Coral berry is a bush of a very vigorous and stout habit of growth, with large, spreading tops, and attaining a height of from four to six feet. The foliage is very handsome, finely cut, of a beautiful silver color. The fruit, which is produced in the greatest abundance, is inclosed in burr or husk until it starts to ripen, when the burr opens and exposes the berry. The berry is of good size and when fully ripe is of an intense, fiery, crimson color; this berry is most deliciously flavored, being of a rich, acid flavor, and spiced with a delightful aroma, entirely different from any other berry. The fruit of the Coral berry is used for all purposes that strawberries are used for. The Coral berry is propagated by suckers, like the ordinary red raspberry. 25c each; per 10, \$2; per 100, \$15; per 1000, \$100.

THE HUMBOLDT HUCKLEBERRY. These huckleberries can be grown in a dry soil, as well as in moist, if occasionally irrigated; it is an immense yielder, the bushes fairly breaking with heavy loads of fruit, which is of enormous size, of a blue-black color, and a rich, delightful flavor.

DEL NORTE ROSE BERRY.

A trailing type of the California wild blackberry, bearing pure white fruit of the richest and highest imaginable flavor. Plant in proximity to the Humboldt blackberry, to insure perfect fertilization, or no fruit will be produced, as it is a pistillate variety. Very rare and scarce.

25c each.

CRUNELLS. A fruit that is a cross between a currant and a gooseberry.

30c each.

JAPANESE BLACKBERRY TREE. A beautiful evergreen tree, growing to a height of thirty feet; it yields huge fruits, the shape and color of the blackberry, and possessing a most superb flavor. The tree is thornless and very hardy. The fruit has a small pit, like a cherry pit, and can be used for every purpose that the blackberry is put to.

\$1.25 each.

JAPANESE HONEY BERRY. I first received this as an unknown plant collected by my collector in Japan on an island in the Yellow Sea. It grew rapidly from the first, and proved that it required no petting. I was surprised at its rank, luxuriant growth. The first season I believe it attained a height of sixteen feet with canes nearly an inch thick. The next season the canes grew nearly twenty in length and almost straight up. The leaves on this plant are quite similar to the leaves on certain rose plants, except that they are several times larger than any rose leaves, the leaves being about ten inches

long on the old stocks or canes. The leaves are a brilliant dark green, the under parts being covered with numerous purple thorns. The canes also are covered with tens of thousands of purple thorns which glisten in the sunlight and give the bush a singularly beautiful appearance. The fruit is a marvel. It is so glossy and so brilliantly colored as to sparkle in the light. The color is a reddish yellow. The fruit is quite large, of a strange mystic flavor which many people pronounce superb, while others do not like it. This plant is a type of raspberry. It commences to fruit with the earliest raspberries and continues until Christmas. It is a greater yielder than any raspberry known at the present day. The fruit is valuable for any purpose that a raspberry is put to. Seeds 25c per pkt.

PINE APPLE BERRY. A very hardy fruit, which grows in clusters like grapes, green in color, with the flavor of gooseberries and a fragrance like that of the pine-apple, leaves very large, flowers a beautiful white and exceedingly showy; a most wonderful honey plant, and should be cultivated by all bee-keepers: the fruit can be put to many uses; it grows in a viny or trailing form, and will climb to a height of 150 feet in trees. Price 75c each.

DWARF JUNE BERRY. A sweet, juicy fruit va'nable for pies, jams, etc., 25c each.

COLORADO MAYBERRY.

The wild mayberry of Colorado, the fruit described by Coulter as "red, very large, and pleasantly flavored."

20c each.

SIERRA THIMBLE BERRY.

Fruit large, brilliant red, aromatic flavor. Will not pay to cultivate for the fruit alone, but is a grand ornamental plant, with large heavy green leaves, and very fragrant pure white blossom, as large as a rose.

20c each.

THE STRAWBERRY GUAVA.

PSIDIUM CATTLEYANUM Weinw. A shrub 10 to 12 feet high, evergreen, producing a heavy crop of dark purple fruit of the size of a walnut; flower small, white and fragrant. About as hardy as the orange, and a very ornamental plant for the conservatory in climates too cold for the profitable growing of its delicious fruit, which may be eaten out of hand, or with sugar and cream like strawberries. It makes the finest jelly known.

\$1 each; seeds, 20c per qt.

Rubus Ursinus.

PART 14.

This is a new race of berries that has just lately come into prominence. They are the wild blackberries and dewberries of the Pacific Coast. Many of the following varieties possess rare merit and in time will be widely cultivated. They are especially noted for their large size, strange mystic flavor, and great productiveness. As a set of money-making fruits nothing can equal them.

LOGAN BERRY. A berry of gigantic size, of a deep, reddish maroon color; the flavor is rich, spicy, and a trifle acid; still the flavor is such that it charms all. These plants are enormously productive and succeed everywhere. The fruit ripens with the earliest raspberries. 25c each; per 10, \$1.50.

SONOMA DEWBERRY. We thought for awhile that this was identical with the Lo-

gan berry, but later find that the berries are more round in shape and the flavor is perhaps a trifle better. The fruit of this sort is large, reddish-black in color, sub-acid in flavor, musky and aromatic. It is a flavor that is quite delightful to most tastes. 20c each; per 10, \$1.50.

Raspberry - Dewberry

Part 15.

QUEEN OF THE PACIFIC. This new and unique berry seems destined to become one of our most useful fruits. Vine is much like the Dewberry, but the fruit partakes of the character of both Raspberry and Dewberry. The berry is quite as large as the Dewberry, of a reddish-black color; it is of a most deliciously sweet and high flavor, of the Logan Berry type, but sweeter and better in flavor and it ripens earlier—begins with strawberries—and can be used for every purpose that the Itasperry is put to. A rapid grower and heavy bearer: 300 good berries have been counted on a single cane 5 feet long. This new and choice fruit will command high prices on account of its early ripening season, its great beauty and delicate wild flavor. See illustration on back page of cover.

25c each; per 10, \$2.00; per 100, \$16.50.

Semi-Tropical Plants.

Part 16.

These are grown for us at Santa Barbara, Cal., and sent from there, charges prepaid.

Price 75c each when not otherwise specified.

MUSA ENSETE Gmelin. The Abyssinian, or Bruce's, banana; a magnificent plant, attaining a height of 30 ft., the leaves occasionally 20 ft. long and 3 ft. wide; the inner part of the stem and the young spike can be boiled and served as an esculent, but the fruit is pulless.

YUCCA BACCATA Torrey. California wild banana, or "Mexican bayonet;" a most beautiful scenic plant, tree-like in growth, often 15 ft. high, bearing large spikes of lovely wax-like flowers richly tinged with purple. The fruit edible, but sparingly produced.

ANONA SQUAMOSA Linn. The Sugar Apple, or sweet-sop; a delicious fruit; in shape resembling an inverted pine cone; yellowish green, ovate, the thick rind inclosing the luscious pulp. The acrid seeds, when reduced to a powder, are used as an insecticide. An ornamental bush. Malay Islands. Fruit scaly.

AMONA CHERIMOLIA Miller. Cherimoya, or Jamaica apple; fruit the size of a large apple, pale greenish yellow tinged with purple, weighing from 3 to 4 pounds each; native of Peru, where it is said to attain a weight of 16 pounds! Flesh is sweet, of the consistency of a custard, with thin skin. Trees in Santa Barbara bear yearly; will stand quite a frost; the flowers very fragrant.

CAPSICUM FRUTESCENS Linne. A shrubby species of tropical America, the berries of which are converted into cayenne pepper, and into the celebrated Tabasco Sauce.

CARISSA GRANDIFLORA A.D.C. A spiny evergreen, with white, fragrant flowers, and berries the size of a small plum.

ANTIGONUM LEPTOPUS Hook & Arn. Rosa de Montana, a surpassingly beautiful

vine, in summer and autumn covered with a mantle of showy pink flowers.

PHYLLANTHUS DISTICHUS Muell. Otaheite gooseberry; an East Indian shrub or small tree, bearing bunches of waxy white berries, sharp acid taste, excellent for pies, etc. Requires a warm climate; ripens in mid-summer.

PENNISETUM RUPELLII Steud. An elegant and graceful grass, resembling a dwarf pampas grass, with beautiful crimson-purple plumes. Blooms in July from seed sown in the spring, and produces its lovely plumes through the whole summer.

YUCCA FILAMENTOSA Linn. "Adam's Needle;" produces tall spikes of snowy white, bell-shaped flowers; very beautiful, and furnishes a fiber of great strength.

CORNUS CAPITATA Wall. The Himalayan strawberry tree. Also known as Ben-thamia Fragifera, Lindl.

LATHYRUS SPLENDENS Kellogg. By far the most gorgeous and beautiful flower, vine in the west, producing masses of brilliant, crimson flowers.

VITIS INCISA Nuttall. Yerba del Buey (*Cissus incisa*, Desm.) a fine tropical vine.

ERYTHRINA INSIGNIS Tod. The Coral Tree; a surpassingly beautiful tree, of large size, with brilliant red flowers.

HALIMODENDRON ARGENTEUM Fisch. A pretty Asiatic shrub with pink flowers; will grow in saline or alkaline soils and stands extremes of cold and drouth.

PITHECOLOBIUM BREVIFOLIUM Benth. The Huajillo, a beautiful evergreen tree, useful also as a forage plant.

PISTACIA VERA Linn. A deciduous Asiatic tree, sometimes 30 feet high, yielding the delicious Pistacio-nuts of commerce, remarkable for their green almond-like kernels.

ZINGIBER OFFICINALE Roscoe. The Ginger plant, of India and China; "for candied ginger only the young succulent roots are used, which are peeled and scalded prior to immersion into the saccharine liquor."—Mueller.

COFFEA ARABICA Linn. The genuine coffee plant, a shrub or small tree, indigenous to Abyssinia; its glossy foliage, fragrant flowers and red berries render it very ornamental.

THE KIN-KAN (Japan) or Kum-Quat (of China.) "A variety of orange, the great merits of which are as yet comparatively unknown. The tree forms a medium-sized pyramid from 15 to 20 feet high, but can be trained into any shape desired. It is most to be recommended for its superior hardness 10 to 15 deg. above zero Fahrenheit will not injure it,) and also for its early and profuse bearing capacity, the branches being literally covered with fruit. The fruit itself is oblong, of a bright golden yellow, like a medium-sized egg plum, the rind almost as thin as a cherry's, sweet and juicy; can be eaten with the fruit; the pulp is juicy, subacid, very refreshing. It recommends itself mostly for crystallizing and preserving, but is also eaten fresh from the tree. Cut into halves, it is used in Japan during summer as an ingredient for all cooling drinks, to which it imparts a delicious flavor. As a plant for pot culture in the Eastern climate it cannot be too highly recommended, not being as tender as the other oranges. A small tree laden with the golden fruit is one of the greatest ornaments to window garden or conservatory, and those who buy the well-grown plants we offer will be greatly pleased with their experiment. Pot-grown trees, \$1 each."

CANAIGRE.

RUMEX HYMENOSEPHALUS Torrey. Plant one to three feet high, from a cluster

of deep-seated Dahlia-like tuberous roots. The tubers are noted for the tannin contained, and are as easily grown as potatoes. It occurs wild in dry soil in the plains and mountains from California to Mexico, and its culture on a large scale offers a promising field for the investment of large capital.

QUEENSLAND NUT.

MACADAMIA TERNIFOLIA F. Muell. An Australian tree, attaining a height of 60 feet. Bears nuts of the size of a nutmeg, with very hard shells and the flavor of the Brazil nut or of hazels.

STRAWBERRY NUT TREE. A Chinese fruit, resembling huge strawberries, each enclosing a soft-shelled nut with a highly aromatic and sweet kernel. This is exported in large quantities from China.

DORYANTHES PALMERI W. Hill. Australian Torch Lily; red and white; 8 feet high; a plant of marvelous beauty.

DRACAENA DRACO Linn. The Dragon-blood tree of the Canary Islands; an imposing feature in scenic horticulture; a celebrated one at Orotana was estimated by Humboldt to be 6000 years old; yields the Dragon-blood resin.

FICUS ELASTICA Roxb. A large tree, yielding its milk-sap copiously for caoutchouc, the kind called assam-rubber. The true India Rubber tree, and highly valued as an ornamental tree.

FICUS INDICA Linn. The famed Banyan tree of India; "at the age of 100 years one individual will shade and occupy about one and a half acres, and rest on 150 stems or more, the main stems often with a circumference of 50 feet."

EUGENIA JAMBOS Linn. The Rose-apple, of tropical Asia; a delicious fruit, having the flavor of the apricot, about the size of a crabapple, yellowish red, and with a fragrant rose scent.

LEUCADENDRON ARGENTEUM R. Br. The silver tree; greatly admired by lovers of the odd and the beautiful.

HEMICYCLIA AUSTRALASICA Muell. A large spreading evergreen tree, with shining holly-like foliage, and red fruits.

EUCALYPTUS CITRIODORA Hooker. Lemon-scented gum-tree.

EUCALYPTUS GLOBULUS Labill. Blue gum.

EUCALYPTUS GUNNII Hook. Swamp gum-tree, one of the hardest species known.

EUCALYPTUS HEMASTOMA Sm. White gum.

EUCALYPTUS LEUCOXYLON F. Muell. Crimson-flowered eucalyptus.

EUCALYPTUS ROSTRATA Schlecht. Red gum.

SCHOTIA LATIFOLIA Jacq. A South African shrub, with rich, ornamental foliage, and pretty red flowers.

MAGNOLIA OBOVATA Thunb. Japan Purple Magnolia; blossoms purplish red.

EHRETIA MACROPHYLLA Wall. A small Japanese tree, with very large cordate leaves, and panicles of white flowers.

KNIPHOFIA ALOIDES Moench. A showy and brilliant plant, the tall flower spike surrounded by rich, coppery colored flowers.

HOVENIA DULCIS. Thunberg. A surpassingly beautiful tree, of Himalaya, China and Japan; the edible pulpy fruit stalks an inch in diameter, sweet and pleasant; true fruit the size of a pea. Trees large and heavy; by express, \$1 each.

BUSHIN-KAN. The five-fingered orange of Japan, a curious novelty, one of the greatest

horticultural wonders. This orange tree bears a fruit the exact counterpart of a human hand, and that hand with long pointed nails! The fingers are perfect—the nails with the long claw-like aspect being rendered in curious likeness. The fruit hangs on the tree like a human hand, with the ball of the thumb clearly defined. Fruits when quite young; not edible, although in Japan a good jam is prepared from it. The tree itself is the same as any other orange tree, with fine, large, glossy foliage and long thorns on the branches. As an ornamental oddity, nothing to equal this has been offered in a generation.

CEDRUS LIBANI Barrel. Deodar Cedar, or Cedar of Lebanon.

PHYSALIS GLABRA Benth. The "Tomate oloroso" of Baja California; plant bluish color, musk scented; flowers yellow; fruit red, edible.

CAMELLIAS: Pot plants, 12 to 18 inches high, pure double white, double shell pink, or double variegated; by express (purchaser paying charges), \$1 each.

DENDROCALAMUS MEMBRANACEUS. Munro. A most elegant giant bamboo, likely to be hardy in the south.

JAPANESE AZALEAS: Pot plants in the following colors: Pure white, golden yellow, apricot or salmon color, and red; by express (purchaser paying charges,) at \$1 each.

JAPANESE ROSE HYDRANGEA. Extremely beautiful, 35 cents each.

JAPANESE CELESTIAL BLUE HYDRANGEA. Very showy, 35 cents each.

JAPANESE WHITE HYDRANGEA. Very showy and fine, 35 cents each.

HYDRANGEA HORTENSIA Siebold. var. *RUBERA*. The Rosy Star Hydrangea; double rose-colored perfect star-shaped flowers.

PRUNUS DIVARICATA Ledeb. The purple-leaf plum.

PRUNUS SIMONI Carr. The apricot plum, or Simon plum, of China; growth erect; flowers small, white; fruit large, flattened, of the size and appearance of a nectarine, brick red color, flesh yellow, with a peculiar, sweet aromatic flavor.

BAMBOOS.

MOSO-CHIKU. Attains a height of 30 ft.

TAI-HO-CHIKU. Slender stems, 10 ft. high.

BUNGO-SASSA. Slender, grass-like, 2 to 3 feet high.

BUNGO-AGRESTIS. Slender, variegated leaves, 4 to 5 feet.

BAMBUSA NANA Roxb. This Japanese bamboo will stand several degrees of frost, and attains a height of forty feet.

BAMBUSA viridi-glaucescens, Carr.—See *B. nana*.

JAPANESE MAPLES.

ACER PALMATUM Thunb. A showy and magnificent tree, with deeply-cleft leaves, in some varieties having rich, glossy red foliage, some variegated red and white, others golden yellow, brown, green and white. Japan alone furnishes twenty-two species of maples. The many ornamental forms of these species are yearly gaining in favor, and for effective grouping in landscape gardening they are unrivaled.

Var. *ATROPURPUREUM*. Dark, satiny, red foliage.

Var. A. *VARIEGATUM*. Variegated red, green and brown.

Var. A. *DISSECTUM*. Rich brown, fern-like foliage.

Var. *SANGUINEUM*. Bright, blood red.

Var. *VERSICOLOR*. Pink, green and white.

Var. ROSEO-MARGINATUS. Pale pink, shaded with a network of green and white.

Var. AUREUM. Clear golden yellow.

GRAFTED JAPANESE MAPLES: five to seven different varieties grafted upon one stem form a wonderful display of foliage, a "tree bouquet" of red, white, yellow, brown and green in beautiful contrast and showing to great advantage.

PALMS.

CYCAS REVOLUTA Thunberg. A most beautiful cycad for scenic planting; this, the "Japan Fern Palm," attains a height of 6 feet, and is rich in sago-like starch.

CHAMAEROPS EXCELSA Thunb. The hardest of all palms; has stood three degrees above zero F. without protection; beautiful fan-shaped leaves.

CHAMAEROPS HUMILIS Linn. The dwarf fan palm of Southern Europe; very ornamental, and eligible for scenic effect; hardy.

ERYTHEA ARMATA Watson. The beautiful Blue Palm of Lower California; the fan-shaped leaves of a soft, glaucous color; the fruit is the size of a marble, and largely eaten by the Indians of the desert region where it grows wild.

ERYTHEA EDULIS Watson. The Guadalupe Island Palm; of equal decorative value to Latania Borbonica; much harder, and of far more rapid development.

JUBAEA SPECTABILIS Humboldt. The tall and stout Coquito Palm of Chili; hardy; yields small, edible kernels; a kind of treacle is obtained from the sap; leaves sometimes 10 feet long.

OREOLOXA REGIA Humboldt. The Royal Palm, "the Glory of the Mountains;" the grandest of the pinnate leaved palms.

THRINAX ARGENTEA Lodd. One of the most elegant of fan palms, the under part of the leaves shining like satin; native of Panama.

WASHINGTON FILIFERA Wendl. The popular California fan palm; a hardy and magnificent species of the desert region of Southern California.

CASABANANA.

BENINCASA CERIFERI Savi. Casabana; a strange fruit, belonging to the melon family; a native of tropical Asia and Africa. It will climb to a height of fifty feet in one season, and produces a large edible gourd, twelve to eighteen inches long and three inches in diameter, of a brilliant red when ripe, possessing a strong pineapple fragrance. Very superior for preserving. "In an unripe state forms part of the composition of many kinds of Curry."

For cold climates seeds should be started in pots, and transplanted to the open ground after all danger of frost is over.

Seeds, 25c. per pkt.

LYONOTHAMNUS FLORIBUNDUS Gray. Glossy evergreen foliage, finely cut like some ferns; branchlets crowned with umbels of white flowers. Santa Barbara Islands, a tree 30 to 50 feet high, extremely rare in cultivation. \$5.

ALOE ARBORESCENS Mill. This very fine species throws up a flower spike three feet high, orange red flowers.

ALOE CILIARIS Haw. A climbing South African species; produces a profusion of orange scarlet flowers.

DASYLIRION Zucc.

Yucca-like, and very choice ornamental

plants, belonging to the lily family, with narrow, grass-like leaves.

D. BIGELOVII Torr.—See Nolina Bigelovii.

D. GLAUCOPEPHYLLUM Hook. A low growing, spiny, Mexican species.

D. longifolium Zucc.—See Nolina longifolia.

THE CHOLLAS.

A former characteristic of Southern California landscapes were the thickets of cholla cactus, which still decorate some of our uncleared hillsides, and abounds in the desert regions and unsettled parts of Lower California and Mexico. The cholla belongs to the same genus as the prickly pear, but differs mainly in the cylindrical, instead of flat, joints and in its non-edible fruits.

FREESIA REFRACTA ALBA.

This long name is become familiar to every lover of flowers in the civilized world. It is a native of Africa and belongs to the Iris family, a family which gives us a multitude of brilliant flowers which readily adapt themselves to Southern California. It will produce a wealth of fragrant bloom the first year from seed, and is so easily grown that it is within the reach of the humblest housekeeper.

PRUNUS MYROBALANA Loisel. Myrobalan plum. A general all-around stock for plums and prunes.

PRUNUS PADUS Linn. Bird Cherry.

CALYCANTHUS FLORIDUS Linn.

CRATAEGUS CORDATA Soland. Washington Thorn.

THE LEMONADE BERRY.

PAPER SHELL POMEGRANATE.

SPANISH RUBY POMEGRANATE.

SWEET FRUITED POMEGRANATE.

THE PARTRIDGE-BREAST ALOE.

CANTON HYBRID ORANGE.

JAPANESE MEDLAR.

JAPANESE MAIDEN HAIR TREE.

JAPANESE WHITE LILAC TREE.

JAPANESE CHERRY PLUM.

JAPANESE BEAN.

JAPANESE GOURD.

JAPANESE GRAPE.

LILIES.

PART 17.

Price 15c. each when not otherwise specified:

BEHRIA TENUIFLORA Greene. Grassy leaves about a foot long; flowers tubular, borne in an umbel, the stamens much exerted, brilliant scarlet in color, reminding one somewhat of the Brevoortia Ida-Maia. A Mexican bulb nearly allied to Bessera Elegans.

LILIUUM LEICHTLINII Hook. f. A Japanese species of neat and elegant habit; pendulous flowers, pure canary yellow, with crimson spots; petals recurved.

20c. each.

Var. FUJI-HIRADO. A Japanese variety with red flowers, spotted with black.

20c. each.

LILIUUM JAPONICUM Thunb. Broad, funnel-shaped flowers, delicate pink to a rich soft rose, spotless, and very fragrant. (L. Kramer, of catalogues.)

LILIUUM LONGIFLORUM Thunb. Snowy

white, trumpet-shaped flowers, of rare fragrance.

LILIUM ELEGANS Thunb. An early and very showy Japanese species, with cup-shaped flowers.

Var. *INCOMPARABILE*. "Brilliant red, with golden shadings." 30c. each.

LILIUM HUMBOLDTII Roez and Leichtl. Very tall; large golden yellow blossoms, dotted with purple; a very showy and magnificent lily.

LILIUM WASHINGTONIUM Kellogg. A marvelously beautiful white lily, of a waxy luster, and emitting a delightfully spicy perfume.

LILIUM AURATUM Lindl. The Golden Banded Lily of Japan, has very fragrant and most beautiful white flowers, with each petal wonderfully marked with a wide gold band, and spotted with maroon. This lily is very variable, scarcely any two plants being alike.

Var. *RUBRO-VITTATUM*. The gold replaced with a broad crimson band; the spots and blotches large and a vivid crimson, forming a splendid contrast with the white. 60c. each.

LILIUM KRAMERI. Very choice; a lustrous rosy red. 20c. each.

LILIUM BATEMANNIAE Wallace. A robust, hardy Japanese species, named for Mrs. Batemann, producing umbels of 4 to 12 semi-cup-shaped flowers, of a deep apricot yellow.

LILIUM BROWNII Mielli. A magnificent Chinese species, 2 to 3 feet high, bearing a solitary, large, beautiful flower, tubular or bell-shaped, 10 inches long, pure white, with a purplish-brown midvein on the three outer segments. 40c. each.

LILIUM SPECIOSUM Thunb. This has furnished many beautiful varieties for the garden, of which only a few can here be mentioned.

Var. *RUBRUM*. Pure white, with crimson stripes.

Var. *OPAL*. "Frosted white, dotted with red." 35c. each.

Var. *MELPOMENE*. Very fine, dark red.

Var. *ALBUM*. Pure white; fragrant.

LILIUM CALLOSUM Sieb. and Zucc. Brilliant red flowers; native of Japan.

LILIUM CONCOLOR Salisb. A Chinese species with deep crimson flowers, unspotted within, lighter colored outside.

Var. *CORIDION*. Rich yellow, flaked with brown; erect flowering, and the finest of the Japanese members of this group. 10c. each.

LILIUM CORDIFOLIUM Thunb. Raceme a foot long, flowers whitish, marked with purple inside. A native of Northern Japan.

Var. *GIGANTEUM*. Grows 10 feet high.

LILIUM PARDILINUM Kellogg. A beautiful lily that seems to flourish in all soils and climates; a luxuriant grower and a profuse bloomer; the large, glowing yellow flowers, spotted with brown, the tips of a fiery crimson; very variable in color, however, occurring in many forms.

Var. *BOURGAEI*. A surpassingly beautiful lily; lustrous, fiery red, large and drooping flowers.

LILIUM PARRYII Watson. A pretty and exceedingly rare lily; found in the mountains of Southern California and Arizona; named in honor of Dr. C. C. Parry; produces lovely clusters of large and very fragrant flowers, of a clear, lemon yellow, spiced with a delicious perfume. 25c. each.

LILIUM PARVUM. An Alpine species,

small, drooping, canary yellow colored flowers, resembling a dwarfish *L. Pardalinum*.

LILIUM COLUMBIANUM. Reddish orange. 20c. each.

ROSES.

PART 18.

ROSES delight in a rich, well drained soil; frequent cultivation helps them wonderfully. In setting out young plants, shade and water well for a few days.

By all means set out early in the fall, as they do so much better the coming season; still they can be set out in almost any month in the year, and grown successfully.

Price, small plants, 15c. each; heavy field grown plants, 25c., charges prepaid.

STRIPED LA FRANCE. Creamy pink, streaked with carmine.

RED LA FRANCE. Brilliant pink, highly perfumed.

WHITE LA FRANCE. Pearly white, tinted with fawn.

PINK LA FRANCE. Silvery peach color.

CLIMBING LA FRANCE. Peach pink, a grand climber.

BEAUTE INCONSTANTE. Orange yellow and deep rose.

MME. CAROLINE TESTOUT. A lustrous satin pink.

CHAMPION OF THE WORLD. Deep rosy pink.

GOLDEN GATE. Rich creamy white.

NIPHETOS. Pure snow white.

SAFRANO. A beautiful apricot yellow, shading to orange fawn.

MARIE GUILLOT. Pure white, shaded yellow.

CLOTHILDE SOUPERT. French white, deepening to rosy red.

SAPPHO. Fawn color, suffused with rose.

DUCHESSE DE BRABANT. Soft silvery flesh, changing to deep rose, edged with silver.

COQUETTE DE LYON. Canary yellow; very fine.

CATHERINE MERMET. Clear shining pink, with delicate shaded amber and fawn center.

BON SILENE. Deep rose color, very sweet and beautiful.

GLORIE DE DIJOU. Fawn, tinted with salmon and rose.

ISABELLA SPRUNT. Sulphur yellow; very beautiful.

MADAME HOSTE. Delightfully perfumed; color soft canary yellow, deepening at center to pure golden yellow; beautifully flushed with pale amber; edges and reverses of petals rich creamy white.

MADAME LOMBARD. Very double, beautiful shade of rosy bronze, passing to salmon and fawn, shaded with carmine buds, and reverse of petals rosy crimson.

MARIE VON HOUTTE. White, tinged with yellow, border of petals tipped with rose.

METEOR. Rich velvety crimson; very fine.

PAPA GONTIER. Brilliant carmine, changing to pale rose.

PERLE DES JARDINS. Best yellow tea rose; flowers of the deepest yellow; highly fragrant.

RAINBOW. Resembles Papa Gontier, except that the petals are striped or blotched; of great beauty; 35 cents each, prepaid by mail.

SUNSET. Rich golden amber, shaded with lark ruddy crimson; deliciously perfumed.

THE BRIDE. Pure white tea rose; very fragrant.

THE QUEEN. Color snow white, and very sweet; a most continuous bloomer.

AMERICAN BEAUTY. Deep glowing rose of delicious fragrance.

BLACK PRINCE. Almost black, velvety crimson.

GIANT DES BATAILLLES. Brilliant, fiery crimson.

HER MAJESTY. The largest rose ever induced; bright pink, shaded with rosy salmon.

LOUIS VAN HOUTTE. Fiery, amaranth red; petals bordered with crimson.

MABEL MORRISON. White, faintly flushed with pink; extra.

MADAME GABRIELLE SUIZET. Color a fine satin rose inlaid with silvery rose and color heightened at the center; one of the most beautiful roses grown.

PAUL NEYRON. Dark rose; very fine.

MOSS ROSES.

AETNA MOSS. Bright crimson, shaded purple.

CAPTAIN JOHN INGRAHAM. Dark velvety purple.

HORTENSE VERNET. Rosy carmine; buds beautifully mossed.

MOUSSELINE. Pure white, sometimes shaded with rosy blush.

VISCOUNTESS FALMOUTH. Bright shining rose, back of petals bright carmine; flowers extra large.

CLIMBING ROSES.

CELINE FORESTER. Pale yellow, a very excellent rose.

CLOTH OF GOLD. Deep yellow, with sulphur edges; very beautiful.

GOLD OF OPHIR. Magnificent; bright salmon and fawn color.

LA MARQUE. White; very fine.

MARECHAL NEIL. Flowers very double, and delicately perfumed; color deep golden yellow.

REINE MARIE HENRIETTE. Clear cherry red, tea scented; strong climber.

SAN RAFAEL ROSE (Beauty of Glazowood.) Most brilliant and charming of all climbing roses; flowers semi-double, and a beautiful blending of gold, copper and pink;

BANKSIA ROSES.

WHITE. Pure white, very double, small flowers, delicate fragrance, like a violet.

YELLOW. Clear yellow, small and very double.

BENGAL ROSES.

AGRIPPINA. Rich velvet crimson.

COUPE DE HEBE. Deep pink.

JAMES SPRUNT. Climber; crimson color.

MAGNA CHARTA. Pink, suffused with carmine.

HYBRID NOISETTE ROSES.

HYBRID NOISETTE. This rose blooms in clusters; flowers white or nearly so.

MADAME ALFRED CARRIERE. Very light flesh color, shaded with salmon.

BOURBON ROSES.

HERMOSA. Bright rose, a most constant bloomer.

SOUVENIR DE LA MALMAISON. Delicate flesh color, tinted with fawn.

PRAIRIE, OR CLIMBING ROSES.

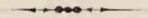
BALTIMORE BELLE. Pale blush, variegated and carmine, rose and white.

PRAIRIE QUEEN. Clear bright pink, sometimes with a white stripe.

SEVEN SISTERS. Crimson, changing to white.

CHEROKEE. Very distinct from other roses; dark glossy foliage; single crimson flowers.

WHITE RAMBLER. Same as the Crimson Rambler Rose, but pure white, double, \$2.50 each.



Cacti and Succulents.

PART 19.

We send out Cacti from a large collection in San Diego, of well established plants; 25c to \$1 each, according to size and beauty.

CENTURY PLANTS.

The agaves form a beautiful class of decorative plants, tropical in aspect, and belong to the amaryllis family, though often erroneously considered as belonging to the cactus family. They are called century plants from another popular fallacy, that they require 100 years before blooming. In tropical countries they attain maturity, blossom and die, in less than twenty years usually.

AGAVE AMERICANA Linnaeus. The mescal plant of Mexico, from which a useful fibre is secured. Pulque, the national drink of Mexico, is produced mainly from this plant, and the juice is also distilled into an alcoholic beverage known by the name of mescal. Thousands of acres are devoted to its cultivation in Mexico, where it ranks with corn, wheat and beans in commercial importance. It makes rapid growth, attaining to a large size, and in the United States is largely planted for its decorative value.

Var. **VARIEGATA** Hort. Large, broad leaves, margined with white, the finest of many forms in cultivation.

AGAVE CORDEROYI Versch. A very beautiful Mexican species.

\$1 each.

AGAVE DECIPiens. Tall growing, deep green foliage. 60c each.

FAIRY FINGER TIPS.

COTYLEDON ATTENUATA Watson. This dwarfish plant is destined to attain great popularity for beds and borders. It was discovered in Lower California in 1886 by C. R. Orcutt, and first introduced into cultivation in 1894. It resembles dwarf C. Edulis, and produces panicles of pretty yellowish or rose

purple flowers that do not detract from its adaptability for borders or edging to beds.
10c. each; \$6 per 100. Fine for borders.

C. CALIFORNICA Baker. A very symmetrical, small-growing species especially valuable for bedding purposes.

C. DESMETIANA Hemsl. An exceedingly beautiful Mexican species, quite rare in collections.
6c. each,

C. EDULIS Brewer. This sometimes grows two feet across and bears a tall panicle of greenish flowers. It has become widely known under the name of "Finger Tips," from the long, slender leaves, which the Indians of California formerly used as a salad.
20c. each.

C. FARINOSA Benth. & Hook. Leaves rich vivid green, sometimes splashed with red; the clusters of brilliant red flowers, with a faint glow of yellow at the centers, are quite showy.
15c. each.

C. LANCEOLATA B. & H. A plant that does well under good treatment, producing a spike of red flowers. The lanceolate flat leaves sometimes of a dull crimson color, but commonly green.
35c. each.

THE HEDGEHOG CACTUS.

C. LAXA Benth. & Hook. Leaves curiously twisted; flowers red, or yellowish in some forms.
40c. each.

C. LINEARIS Greene. A near ally to C. lanceolata, with greenish yellow flowers. Baja California.
40c. each.

C. NEVADENSIS Watson. Flowers yellow, tinged with red; occurs in the Yosemite valley.
30c. each.

C. ORBICULATA Linnaeus. An old-fashioned garden plant, attaining to a tropical luxuriance of growth and producing large pendulous orange-colored flowers of great permanence.

E. PULVERULENTA Baker. Large, elegant in form, the broad leaves forming a beautiful rosette and covered with a thick white powder.
30c. each; \$20 per 100.

C. SECUNDA Baker. A showy and very symmetrical Mexican species, very useful in beds and borders; showy red flowers; of quick growth.

ECHINOPSIS EYRIESII ZUCC. This is less bristling in appearance than E. Mulleri, but produces lovely pure white flowers in great abundance.

STAPELIAS, OR "TOAD CACTUS."
QUEEN OF THE NIGHT.
THE VELVET CACTUS.

CALIFORNIA FISH-HOOK CACTUS.

GLADIOLAS.

Our collection of Gladiola bulbs is the finest in the State; later we shall offer a vast collection of Dahlia bulbs and the best varieties of Chrysanthemums.

CARNATIONS.

PART 20.

By mail, postpaid, at 15 cents each.
AMERICAN FLAG, striped crimson and white.

AURORA, fine pink, exquisite fragrance.
BUTTERCUP, yellow, with pink markings.
CRIMSON CORONET, fine pink, deeply fringed.
DAYBREAK, delicate shade of pink.
GOLDEN GATE, fine golden yellow.
LIZZIE McGOWAN, very fine, pure white.
PEACH BLOW CORONET, peach pink color.
SILVER SPRAY, white.

Evergreen Trees.

PART 21.

The Coniferae of Calif. are the most beautiful on earth; they are easily transplanted and succeed admirably in all localities. We furnish small one-year trees very cheap. These are from 4 in. to 18 in. in height being quite light; they are easily shipped by mail and at the following prices:

ABIES AMABILIS (Silver Fir). 50c per 10; per 100, \$4.00.

ABIES MENZIESSII (Menzies Spruce) \$1.00 per 10; \$8.00 per 100.

ABIES CONCOLAR (Black Fir). \$1.00 per 10; \$8.00 per 100.

ABIES GRANDIS (Great Silver Fir). \$1.00 per 10; \$8.00 per 100.

ABIES WILLIAMSONIA (Silver Spruce). \$1.00 per 10; \$8.00 per 100.

ABIES NOBILIS (Noble Fir). 50c per 10; \$4.00 per 100.

CHAMAECYPARIS LAWSONIA (Lawson's Cypress). \$1.00 per 10; \$8.00 per 100.

CUPRESSUS GOVENTIANA (Dwarf Cypress). \$2 per 10.

CUPRESSUS MACROCARPA (Monterey Cypress). \$1 per 10.

LIBACEDRUS DECURREUS (Silver Cedar). 30c per 10; \$2.50 per 100.

PICEA FUNGEUS (Blue Spruce). \$1 per 10; \$8 per 100.

ABIES DOUGLASSII (Douglas Spruce). 50c per 10; \$4 per 100.

PINUS INSIGNIS (Monterey Pine). \$1 per 10; \$8 per 100.

PINUS LAMBERTIANA (Sugar Pine). \$1 per 10; \$8 per 100.

PINUS PONDEROSA (Yellow Pine). 50c per 10; \$3.50 per 100.

SEQUOIA SEMPERVIRENS (Redwood). \$1 per 10; \$8 per 100.

TAXUS BREVIFOLIA (Yew Tree). \$1 per 10; \$8.50 per 100.

TORREYA CALIFORNICA (California Nutmeg). \$1 per 10.

PINUS SABINIANA (Nut Pine). \$1 per 10; \$8 per 100.

Seeds of any of the above sorts, 25c per pt.

ORNAMENTAL TREES. Native of California.

ACER MACRAPHYLLUM (Large Leaf Maple.) \$2 per 10; 25c. each.

ARBUTUS MENZIESIE (Madrona.) \$2 per 10; 25c. each.

CLONOTHUS DIVARICATUS (Deer Brush.) Blue flowers. \$2 per 10; 25c. each.

CLONOTHUS THRYSIFLORUS (Deer Brush.) White flowers. \$2 per 10; 25c. each.

CARUNS NUTTALLII (White Flowering Dogwood.) 20c. each.

OREDAPHENE CALIFORNICA (Bay Tree.) 20c. each.
 HETEROMELES ARBUTIFOLIA (Holly.) 15c. each.
 CASCARA SAGRADA (Coffee Plant.) 10c. each.
 AZALEA OCCIDENTALIS (Rhododendron.) 25c. each.
 Seeds of any of the above sorts, large packet, 25 cents.

Wild Flower Seed.

A mixed package well filled with 50 varieties of the best wild flowers of California for 25 cents. These seeds were collected high in the mountains, where the wild flowers grow in almost tropical luxuriance and abundance.

TREE SEEDS.

PART 22.

25 cents per packet.

LIROCEDRUS DECURRENS Torrey. The white or post cedar.

PSEUDOTSUGA DOUGLASII Carr.

PSEUDOTSUGA TAXIFOLIA Britton. The beautiful and popular Douglas Spruce (*Abies Douglasii* Lindl.) known in lumber markets as "Oregon pine."

TORREYA CALIFORNICA Torr. The California Nutmeg; a symmetrical tree, attaining a height of 100 feet.

CHAMAECYPARIS LAWSONIANA Parlat. Lawson Cypress (*Cupressus Lawsoniana*, Murr.) the Port Orford cedar of Oregon, a very handsome tree.

CATALPA SPECIOSA Warden. The hardy catalpa of the Mississippi States; of rapid growth, producing a very durable wood.

ILEX QUERCIFOLIA Meerb. American holly (*Ilex opaca*.) a fine evergreen tree, 20 to 50 feet in height, with rigid leaves and red shrub."

CARYA ALBA Nutt. Shell-bark Hickory.

FRUIT TREES.

PART 23.

Price 15 cents each, \$12.50 per 100, unless otherwise specified.

Summer varieties are marked (S); autumn varieties (A), and winter varieties (W).

ALEXANDER, OR EMPEROR (A) APPLE.

EARLY STRAWBERRY (S) APPLE.

DUCHESS OF OLDENBURG (A) APPLE.

SWEET JUNE (S) APPLE.

GOLDEN SWEET (S) APPLE.

EARLY HARVEST, OR YELLOW HARVEST (S) APPLE.

McINTOSH RED (W) APPLE.

NORTHERN SPY (W) APPLE.

PEWAUKEE (W) APPLE.

RHODE ISLAND GREENING (W) APPLE.

ROME BEAUTY (W) APPLE.

SPITZENBURG (W) APPLE.

TALMAN'S SWEETING (W) APPLE.

WAGENER (W) APPLE.

WILLOW TWIG (W) APPLE.
 WOLF RIVER (W) APPLE.
 CANADA RED (W) APPLE.
 BEN DAVIS (W) APPLE.
 WHITE BELLFLOWER (W) APPLE.
 DELAWARE RED (W) APPLE.
 GANO (W) APPLE.
 KING OF TOMPKINS COUNTY (W) APPLE.
 MANN (W) APPLE.
 MISSOURI PIPPIN (W) APPLE.
 NEWTON PIPPIN (W) APPLE.
 CANADA REINETTE (W) APPLE.
 ROXBURY, OR BOSTON RUSSETT (W) APPLE.
 SEEK NO FURTHER (W) APPLE.
 STARK (W) APPLE.
 WALBRIDGE (W) APPLE.
 WINESAP (W) APPLE.
 WHITE WINTER PEARMAIN APPLE.
 ENGLISH RUSSETT (W) APPLE.
 YELLOW TRANSPARENT (S) APPLE.
 RED JUNE (S) APPLE.
 SWEET BOUGH (S) APPLE.
 RED ASTRACHAN (S) APPLE.
 SUMMER PEARMAIN APPLE.
 FALL PIPPIN (A) APPLE.
 GRAVENSTEIN (A) APPLE.
 MAIDEN'S BLUSH (A) APPLE.
 RED BELTIGHEIMER (A) APPLE.
 WEALTHY (A) APPLE.
 FAMEUSE, OR SNOW (A) APPLE.
 HAAS (A) APPLE.
 RAMBO (A) APPLE.
 TWENTY OUNCE, OR CAYUGA RED
 STREAK (A) APPLE.
 WAXEN (A) APPLE.
 ARKANSAS BLACK (W) APPLE.
 BLUE PEARMAIN (W) APPLE.
 BALDWIN (W) APPLE.
 YELLOW BELLFLOWER (W) APPLE.
 GOLDEN RUSSET (W) APPLE.
 JONATHAN (W) APPLE.
 MAMMOTH BLACK TWIG, OR PARAGON
 (W) APPLE.
 ROYAL APRICOT.
 MOORPARK APRICOT.
 BLACK TARTARIAN CHERRY.
 CENTENNIAL CHERRY.
 BING CHERRY.
 YELLOW SPANISH CHERRY.
 MAY DUKE CHERRY.
 RUSSIAN MULBERRY.
 DAWNING'S EVERBEARING MULBERRY.
 BURBANK'S (JAPAN) PLUM.
 BRADSHAW PLUM.
 COE'S GOLDEN DROP PLUM.
 COLUMBIA PLUM.
 KELSEY (JAPAN) PLUM.
 GREEN GAGE PLUM.
 SATSUMA (JAPAN) PLUM.
 PEACH PLUM.
 WASHINGTON PLUM.
 REINE CLAUDE DE BAVAY PLUM.
 YELLOW EGG PLUM.
 NEW JAPANESE PLUMS.
 WHITE KELSEY, YEDDO, MIKADO, FU-
 RIGUJA, O, HATANKYO, YONE MOMO,
 WASSE SIMONO, WASSE BOTANKIO, NO-

GATE NO BOTANKIO, SAGETSUMA, HOUS-MONO, HYTAN-KAYO, WASSO, SHIRO SI-MONO.

Trees 60 cents each.

WEEPING BLOOD PLUM.

NORMAN'S JAPAN PLUM.

ORIENT PLUM.

BAILEY'S JAPAN PLUM.

WICKSON'S PLUM.

PRATT'S SEEDLING (W) PEAR.

VICAR OF WAKEFIELD (W) PEAR.

WINTER BARTLETT PEAR.

BARTLETT (S) PEAR.

LAWSON (S) PEAR.

CLAPP'S FAVORITE (S) PEAR.

SOUVENIR DU CONGRESS (S) PEAR.

BEURRE CLAIRGEAU (A) PEAR.

DOYENNE DU COMICE (A) PEAR.

FLEMISH BEAUTY (A) PEAR.

KIEFFER'S HYBRID (A) PEAR.

DUCHESS D'ANGOULEME (A) PEAR.

LOUISE BONNE DE JERSEY (A) PEAR.

SECKEL (A) PEAR.

BEURRE EASTER (W) PEAR.

P. BARRY (W) PEAR.

POUND (W) PEAR.

WINTER NELLIS PEAR.

PETTE D'AGEN PRUNE.

TRAGEDY GERMAN PRUNE.

TENNANT PRUNE

PACIFIC PRUNE

SILVER PRUNE.

FALLENBURG OR ITALIAN PRUNE.

GOLDEN PRUNE.

HUNGARIAN PRUNE.

APPLE OR ORANGE QUINCE.

CHAMPION QUINCE.

REA'S MAMMOTH QUINCE.

NEW WHITE NECTARINE.

BOSTON NECTARINE.

ALEXANDER'S EARLY PEACH.

CRAWFORD'S EARLY PEACH.

EARLY RIVERS PEACH.

GOLDEN CLING PEACH.

LEMON FREE PEACH.

ORANGE CLING PEACH.

FOSTER PEACH.

HALE'S EARLY PEACH.

MUIR PEACH.

SALWAY PEACH.

MISSION, OR CALIFORNIA GRAPE.

BLACK MOROCCO GRAPE.

MUSCAT OF ALEXANDRIA GRAPE.

ROSE OF PERU GRAPE.

SEEDLESS SULTANA GRAPE.

ISABELLA GRAPE.

SACRAMENTO RIVER GRAPE. A wild form possessing a very marked flavor, deliciously rich and musky, large size and quite firm. Recommended for experimental planting. Rooted cuttings, 25 cents each.

NUT TREES.

50 Cents Each.

JAPANESE SWEET CHESTNUT.

JAPANESE MAMMOTH CHESTNUT.

JUGLANS NIGRA Linnaeus. The Black Walnut is a beautiful tree, now largely planted for the richly colored and valuable timber which it supplies. The nuts are oily and delicious.

JUGLANS CORDIFORMIS Maxim. A remarkable Japanese species, producing heart-shaped nuts, with large kernels, which are easily extracted entire when nuts are cracked. One of the finest flavored walnuts known.

JUGLANS SIEBOLDIANA Maxim. This species is found wild in Northern Japan and is without doubt as hardy as an oak. The leaves are of an immense size, measuring 3 feet long, and of a beautiful shade of green. The nuts are produced in extreme abundance, growing in clusters of 15 or 20, much resembling the pecan, thinner shelled than the Black Walnut, the sweet kernel with the flavor of a Butter-nut, but less oily, and much superior.

JUGLANS REGIA Linnaeus. The English Walnut or Madeira nut. A tree of lofty growth, hardy and productive, valuable alike for its timber and its delicious nuts.

PARIENNE. A fine dessert nut.

FRANQUETTE. Very large walnut; sweet kernel.

MAYETTE. A fine commercial walnut; late bloomer.

CHABERTE. Soft shelled; late bloomer.

KAGHAAZI. Late bloomer; nuts large, sweet and delicious.

GERMAN WALNUT. A very superior, large, thin-shelled variety, similar to the Kaghazi. A fine grower and a tremendous bearer, the very meaty nuts of rich, fine flavor.

PROEPARTURIENS. Rather dwarf growing; an excellent French walnut, commencing to bear at 3 years; nut large, soft shelled, of fine flavor.

Vegetable Seeds.

PART 24.

Artichoke.

GREEN GLOBE.....	5c per pkt; 30c per oz; \$3 per lb.
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Asparagus.

CONNOWER'S COLOSSAL	5c per pkt; 10c per oz; 50c per lb.
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Beans. Bush or Snap Beans.

HENDERSON'S BUSH LIMA.....	5c per pkt; 15c per lb.
EARLY RED VALENTINE.....	" " "
DWARF GOLDEN WAX.....	" " "

CRYSTAL WHITE WAX.....

Pole Beans.

KENTUCKY WONDER.....	5c per pkt; 15c per lb.
LARGE WHITE LIMA.....	" " "
MADAGASCAR BEAN.....	10c per pkt.
CHILIAN TREE BEAN.....	" " "
MEXICAN TREE BEAN.....	" " "

Beets.

EARLY EGYPTIAN.....	5c per pkt; 15c per oz; 50c per lb.
LONG BROAD RED.....	" " "

Mangel Wurzel and Sugar Beets.

ORANGE GLOBE MANGEL.....	5c per pkt; 10c per oz; 40c per lb.
GOLDEN TANKARD.....	" " "
VILMORIN'S IMPROVED WHITE SUGAR.....	" " "

WANZLEBEN

Broccala.

WHITE CAPE.....	5c per pkt; 40c per oz.
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Brussels Sprouts.

DWARF IMPROVED.....	5c per pkt; 25c per oz.
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Cabbage.

SUREHEAD.....	5c per pkt; 25c per oz; 75c per $\frac{1}{4}$ lb.
IMPROVED AMERICAN SAVOY.....	\$2.50 per lb.
EARLY YORK.....	" " \$1.50 "
EARLY JERSEY WAKEFIELD.....	" " "
MARBLEHEAD MAMMOTH.....	" " \$2.50 "
RED DUTCH.....	" " \$2.00 "

Carrots.

LARGE WHITE BELGIAN.....	5c per pkt; 10c per oz; 60c per lb.
OXHEART.....	" 15c " 80c "

Celery.

WHITE PLUME.....	5c per pkt; 20c per oz.
GIANT PASCAL.....	" " "
BOSTON MARKET.....	" " "

Cauliflower.

EARLY SNOWBALL.....	15c per pkt; \$1.25 per oz.
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Sweet Corn.

EXTRA EARLY CORY.....	5c per pkt; 20c per lb; \$10 per 100 lbs.
PERRY'S HYBRID.....	" " "
BLACK MEXICAN.....	" " "
MAMMOTH SWEET.....	" " "

GOLD COIN.....

Cucumbers.

EARLY CLUSTER.....	5c per pkt; 15c per oz; 75c per lb.
IMPROVED LONG GREEN.....	" " "
IMPROVED WHITE SPINE.....	" " "
ESKIMOSA.....	" " "

GIANT PERA.....

Cress.

PEPPER CRESS.....5c per pkt; 50c per oz.

Egg Plant.

LONG PURPLE.....5cts per pkt; 25c. per oz.

Lettuce.

EARLY CURLLED SILESIA.....5c per pkt; 15c per oz; \$1 per lb.

EARLY PRIZE HEAD....." " "

HUBBARD'S MARKET....." " "

SALAMANDER....." " "

Muskmelon.

BAY VIEW.....5c per pkt; 15c per lb; \$1 per lb.

BANQUET....." " "

WINTER PINEAPPLE....." " "

BALTIMORE....." " "

GREEN CITRON....." " "

NUTMEG....." " "

Watermelon.

CUBAN QUEEN.....5c per pkt; 15c per oz; \$1 per lb.

SEMINOLE....." " "

KENTUCKY WONDER....." " "

GOLDEN RIND, or Yellow Melon....." " "

GEORGIA RATTLESNAKE....." " "

JUMBO....." " "

GREEN AND GOLD....." " "

Mustard.

BLACK MUSTARD.....5c per pkt.

Okra.

WHITE VELVET.....5c per pkt; 15c per oz.

Onions.

RED WETHERSFIELD.....5c per pkt; 15c per oz; \$1 per lb.

GIANT WHITE TRIPOLI....." " "

PRIZETAKER....." " "

YELLOW DANVERS....." " "

YELLOW GLOBE....." " "

SILVERSKIN....." " "

MAMMOTH SILVER KING....." " "

Parsnips.

LONG SMOOTH.....5c per pkt; 15c per oz; \$1 per lb.

Parsely.

DOUBLE CURLED.....5c per pkt; 15c per oz; \$1 per lb.

Peas.

ALASKA.....5c per pkt; 20c per oz; \$8 per 100 lbs.

AMERICAN WONDER....." " "

STRATEGEM....." " "

TALL GRAY SUGAR....." " "

Pepper.

SWEET SPANISH.....5c per pkt; 50c per oz.

LARGE BELL.....

Pumpkin.

MAMMOTH TOURS.....5c per pkt; 15c per oz.

Radish.

FRENCH BREAKFAST.....5c per pkt; 10c per oz; \$1 per lb.

SCARLET OLIVE SHAPED....." " "

BLACK SPANISH....." " "

Rhubarb.

VICTORIA.....5c per pkt; 15c per oz.

STRAWBERRY....." " "

WINTER RHUBARB....." " "

Squash.

PERFECT GEM.....Per ounce, 15c; per pound, \$1.

VEGETABLE MARROW....." " "

WHITE BUSH SCALLOPED....." " "

SUMMER CROOKNECK....." " "

PIKE'S PEAK....." " "

HUBBARD....." " "

RED HUBBARD....." " "

BOSTON MARROW....." " "

WHITE PINEAPPLE....." " "

ESSEX HYBRID....." " "

CALIFORNIA FIELD....." " "

Spinach.

ROUND THICK-LEAVED.....5c per pkt; 15c per oz.

Salsify or Oyster Plant.

SANDWICH ISLAND.....5c per pkt; 20c per oz,

Tomatoes.

LIVINGSTON'S BEAUTY.....	5c per pkt; 30c per oz; \$3 per lb.
IGNOTUM.....	" " "
CURRENT TOMATO.....	" " "
MIKADO.....	" " "
GOLDEN QUEEN.....	" " "
VOLUNTEER.....	" " "
YELLOW PLUM.....	" " "
PERFECTION.....	" " "
RED CHERRY.....	" " "
TREE TOMATO.....	" " "

Turnips.

IMPROVED AMERICAN RUTA BAGA.....	5c per pkt; 15c per oz; \$1 per 15 lb.
EXTRA EARLY MILAN.....	" " "
EARLY FLAT DUTCH.....	" " "
PURPLETOP STRAP-LEAVED.....	" " "
WHITE EGG.....	" " "
LONG WHITE COWHORN.....	" " "
EARLY SNOWBALL.....	" " "

Herb Seeds.

SAGE.....	5c per pkt; 20c per oz.
THYME, English Broad-leaved.....	10c per pkt; 30c per oz.
ANISE.....	5c per pkt.
SWEET BASIL.....	"
CORIANDER.....	"
SWEET MARJORAM.....	10c per pkt.
CARAWAY.....	5c per pkt.
SWEET FENNEL.....	"
SUMMER FAVORY.....	"
LAVENDER.....	10c per pkt.
ROSEMARY.....	"

Tobacco Seeds.

CONNECTICUT SEED LEAF.....	10c per pkt; 25c per oz.
IMPORTED HAVANA.....	10c per pkt; 30c per oz.

[Grass and Clover Seed. New, Clean Seed.

ORCHARD GRASS.....	30c per lb.
TIMOTHY.....	15c per lb; \$10 per 100 lbs.
BERMUDA GRASS.....	\$1.50 per lb.
MESQUIT.....	15c per lb; \$10 per 100 lbs.
PERENNIAL RYE GRASS.....	25c per lb; \$15 per 100 lbs.
REDTOP GRASS.....	30c per lb.
HUNGARIAN GRASS.....	"
KENTUCKY BLUE GRASS.....	35c per lb.
WHITE CLOVER.....	40c per lb.
ITALIAN RYE GRASS.....	"
RED CLOVER.....	25c per lb; \$15 per 100 lbs.
ESPERSSETTE.....	30c per lb; \$20 per 100 lbs.
JOHNSON GRASS.....	25c per lb; \$15 per 100 lbs.

Miscellaneous Seeds.

KAFFIR CORN.....	5c per pkt; 20c per lb; \$10 per 100 lbs.
RUSSIAN SUNFLOWER.....	15c " "
SUGAR CANE.....	25c "
HICKORY KING CORN.....	25c "
EGYPTIAN CORN.....	15c " \$12.50 "
COW PEAS, Clay Colored.....	25c " \$18 "
WHIP POOR WILL PEAS.....	20c " \$18 "
PEANUTS.....	25c "
VETCHES.....	25c " \$15 "
JAPANESE BUCKWHEAT.....	25c " \$18 "
SPURRY.....	25c "
AUSTRALIAN SALT BUSH.....	15c " \$1.50 "

Flower Seeds.

SWEET PEAS, a selection of all the best sorts in a large packet, mixed.....	25c per pkt.
PANSIES.—Azure Blue; Black Blue; Bronze Color; Gold Margined; Striped; White; Yellow; Purple Scarlet; Deep Brown; Bright Red; Purple Violet, Peacock Blue, Reddish Bronze.....	5c per pkt.
PETUNIAS.—Double Large Flowering.....	25c per pkt.
Fringed Petunias.....	5c "
Mixed Petunias.....	10c "
MIGNONETTE—12 best mixed sorts.....	25c "
MARIGOLD.....	5c "
MARVEL OF PERU.....	5c "

BALSAM FLOWERS.....	10c per pkt.
HOLLYHOCK.....	10c "
JAPANESE MORNING GLORY.....	10c "
LOBELIA—Mixed	10c "
JAPANESE HOP.....	10c "
HYACINTH BEAN.....	10c "
DIAMOND FLOWER.....	10c "
MORNING GLORY—Mixed Sorts.....	10c "
SCARLET FLAX—"	10c "
LUPINUS—"	10c "
FLOWERING MAPLE—"	10c "
ALYSSUM—"	10c "
COLUMBINE—Red, Blue and White; each.....	10c "
CALLIOPSIS, mixed.....	10c "
CAMPANULA.....	5c per pkt.
CANARY BIRD VINE.....	"
CANDYTUFT.....	"
CANNA.....	"
CANTERBURY BELLS.....	"
MARGARET CARNATIONS.....	"
CELASIA.....	"
CENTAUREA.....	"
CHRYSANTHEMUMS, best mixed.....	"
CLARKIA.....	"
AUSTRALIAN GLORY PEA.....	"
COLEA SCANDENS.....	"
COLEUS.....	"
COLLINSIA.....	"
CYCLAMEN.....	"
UMBRELLA PLANT.....	5c per pkt.

Asters

BALL or JEWELL.....	10c per pkt.
CHRYSANTHEMUM FLOWERED.....	"
COMET.....	"
CROWN.....	"
GIANT EMPEROR.....	"
IMBRICATED POMPON.....	"
ILLIPUT.....	"
MIGNON.....	"
PEONY FLOWERED.....	"
PRINCESS.....	"
QUEEN OF THE MARKET.....	"
ROSE FLOWERED.....	"
SEMPLE'S GIANT.....	"
WHITE BRANCHING.....	"

Cosmos.

RED.....	5c per pkt.
WHITE.....	"
YELLOW.....	"







QUEEN OF THE PACIFIC BERRY. (See page 21.)